

# CITY OF MELROSE

## MASSACHUSETTS

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# Annual Reports

## 1905

WITH MAYOR'S INAUGURAL ADDRESS  
DELIVERED JANUARY 2, 1905



PUBLISHED BY ORDER OF THE BOARD OF ALDERMEN, UNDER  
THE DIRECTION OF THE CITY CLERK.

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MELROSE:  
DUNTON PRINTING COMPANY  
1906

W.R. LAVENDER, City Treas.



INAUGURAL ADDRESS.  
OF  
Hon. SIDNEY H. BUTTRICK,  
MAYOR OF MELROSE,  
DELIVERED JAN. 2, 1905.

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MR. PRESIDENT AND GENTLEMEN OF THE BOARD OF ALDERMEN :

Once more, by the will of the people, I am privileged to occupy this position and to address you upon the affairs of our city, and I am free to admit that, notwithstanding the knowledge and insight into the workings of our municipality that has come to me from two years' experience and a constant attention to its needs, as I stand upon the threshold of the new year, I realize to the fullest extent that the problems confronting us, are in many ways more difficult than any that have come before us since we became a city.

These relate principally to the questions of finance, legislation and administration, and we may well pause and seriously consider how best to meet these great questions which have got to be met fairly and squarely.

The financial problem is always with us ; a little more so, however, this year than usual, for the reason that in making up our budget, we shall be obliged to limit the expenditures for the city to the rate of \$12 on each \$1000 of our net valuation for 1904, which is \$15,153,060.00 and gives us \$181,836.32 to spend. Some doubt has been expressed by some of our citizens, as to our ability to do so. On this question there can be no doubt, we must make up our budget to conform to the rate and it will be so made. There can be very little, if any, additional expenditures to what we spent last year ; in fact, I think some departments will have to be cut down. If it is necessary to do this, I do not think the interests of the city will suffer materially, for the character of work done, since we have become a city, has been such that the cost of maintenance has not per-



ceptibly increased in our departments ; again, an effort has been made to comply with the Sinking Fund requirements, which under the town and for the first two years of the city government has been omitted. In 1902 we appropriated \$8,759.65 ; in 1903, \$12,254.05 ; in 1904, \$13,309.65. The appropriating of this amount has naturally reduced the amount available for city departments.

Appropriations less sinking fund for 1900.....	\$199,837.41
“ “ “ “ “ 1901.....	206,635.82
“ “ “ “ “ 1902.....	228,257.62
“ “ “ “ “ 1903.....	224,833.69
“ “ “ “ “ 1904.....	211,693.67

During this time the State, County and Metropolitan Tax has increased to an alarming extent. The State tax has increased from \$6,645.00 in 1900 to \$11,625.00 in 1904 ; the Sewerage tax, from \$9,431.01 to \$11,744.15 ; the County tax, from \$11,-857.11 to \$15,716.05.

Notwithstanding these drafts upon our treasury, our financial condition is excellent, our credit is of the highest degree, Melrose bonds are sought after and we are doing an immense business at a very reasonable cost. The wonder is to me that we are so well provided for and so satisfactorily, for the small amount expended, and it is also a wonder to me that any citizen can seriously object to paying his share of the expense incurred on account of these many benefits which we receive.

The financial condition of the city, as submitted to me by the auditor for the year ending December 31, 1904, is as follows:

#### FUNDED DEBT.

School house bonds .....	\$200,000.00
Sewerage loan bonds.....	350,000.00
Surface drainage bonds .....	60,000.00
Town hall bonds .....	45,000.00
Water loan bonds .....	272,000.00
	<hr/>
	\$927,000.00

In the sinking fund to be applied to the payment of these bonds when they mature:

School house sinking fund.....	\$42,626 .90	
Sewerage loan sinking fund .....	103,553 .01	
Surface drainage sinking fund.....	6,728 .88	
Town hall sinking fund .....	4,717 .16	
Water loan sinking fund .....	148,294 .54	
		<hr/>
		\$305,920 .49

## PERMANENT DEBT.

Borrowed on account of

Central Fire Station, notes .....	\$20,000 .00	
Ell Pond Park " .....	10,000 .00	
High School grounds, " .....	3,000 .00	
New School Building, " .....	6,000 .00	
Public Grounds, " .....	9,200 .00	
Stone Crusher, " .....	6,520 .00	
Surface Drainage, " .....	4,000 .00	
		<hr/>
		\$58,720 .00

In the sinking funds to be applied to the payment of these notes there is :

Central Fire Station sinking fund...	\$1,632 .10
Central Fire Station and school-house fund .....	4,701 .80
	<hr/>

\$6,333 .90

There have been loans authorized on account of appropriations made during the year 1904, which must be included in the tax levy for 1905 as follows :

Melrose Common, note	
1 year, \$1,000 .....	\$1,000 .00
Continuous sidewalk and curbing,	
Elm street .....	2,000 .00
Brown-tail and gypsy moth .....	1,000 .00
School department, fuel .....	1,000 .00
	<hr/>

\$5,000 .00

Permanent Debt .....	\$927,000.00	
Permanent Loan.....	58,720.00	
	<hr/>	\$985,720.00
Temporary loans in anticipation		
of taxes .....	\$101,400.00	
Cemetery Trust Funds .....	10,819.50	
E. Toothaker Fund .....	1,212.00	
	<hr/>	113,431.50
		<hr/>
		\$1,099,151.50
Less sinking fund of the Funded		
Debt .....	\$305,920.49	
Less sinking fund of the Permanent		
Loans.....	6,333.90	
	<hr/>	312,254.39
		<hr/>
		\$786,897.11

## ASSETS.

Cash on hand .....	\$15,050.07	
Sinking funds .....	312,254.39	
Due from Commonwealth .....	3,476.00	
Uncollected taxes .....	152,337.34	
Uncollected tax titles .....	6,639.29	
Uncollected tax sales taken by city..	271.48	
Uncollected sewer assessments ....	46,740.71	
Uncollected street watering assess- ments.....	2,484.97	
Uncollected sidewalk assessments..	78.92	
	<hr/>	\$539,333.17
Gross debt .....		\$1,099,151.50
Less assets .....		539,333.17
		<hr/>
Net indebtedness .....		\$559,818.33

Our material assets are :

School Houses and Lands . . . . .	\$414,450.00
Public Library . . . . .	40,600.00
City Hall, Fire Houses, etc. . . . .	159,025.00
Public Grounds, Parks, etc. . . . .	40,000.00
Cemetery . . . . .	32,000.00
Stone Crusher . . . . .	8,000.00
Water Works . . . . .	454,285.82
Fire Apparatus . . . . .	29,106.50
Sewerage System . . . . .	387,850.43
Surface Drainage System . . . . .	71,764.02
	<hr/>
	\$1,637,081.77

An analysis of the Auditor's statement shows that our net Funded Debt is \$98,736.71 less than last year, and our net Municipal Debt is \$7,493.90 less, and our temporary loan in anticipation of taxes is also \$6,795.53 less.

1903 — Funded Debt . . . . .	\$897,000.00	
Less sinking fund . . . . .	177,183.78	
	<hr/>	\$719,816.22
1904 — Funded Debt . . . . .	\$927,000.00	
Less sinking fund . . . . .	305,920.49	
	<hr/>	621,079.51
		<hr/>
Funded Debt reduced. . . . .		\$98,736.71
		<hr/>
1903 — Municipal Debt. . . . .	\$64,000.00	
Less sinking fund . . . . .	3,120.00	
	<hr/>	\$60,880.00
1904 — Municipal Debt. . . . .	\$58,720.00	
Less sinking fund . . . . .	6,333.90	
	<hr/>	\$52,386.10
		<hr/>
Municipal Debt reduced . .		\$8,493.90

1903 — Temporary Loan in anticipation of taxes. . . .	\$ . . . 168,195 .53
1904 — Temporary Loan in anticipation of taxes. . . . .	101,400 .00
	<hr/>
Temporary Loan less. . .	\$6,795 .53
	<hr/>

This is no juggling of figures, is it the fact to be proven by the Treasurer's books, and I trust that those who are prone to criticise our city government will study these figures and not make scare heads in cold type out of thin air.

The tax rate of \$17.40 per one thousand for 1904 is divided as follows :—

State Tax. . . . .	\$11,625 .00	\$ .49
County Tax . . . . .	15,716 .05	.76
Metropolitan Sewerage Tax . . . . .	11,744 .15	.77
Metropolitan Park Tax. . . . .	5,696 .87	.37
Interest . . . . .	22,350 .00	1 .47
Sinking Fund . . . . .	13,309 .65	.87
Overlay . . . . .	3,627 .28	.24
City Tax . . . . .	189,343 .67	12 .43
	<hr/>	<hr/>
	\$273,412 .67	\$17 .40
	<hr/>	<hr/>

The city tax of \$12.43 is divided as follows :—

Bonds for city officers. . . . .	\$170 .00
Charity Department . . . . .	7,200 .00
Contingents . . . . .	4,261 .00
Fire Department . . . . .	11,235 .00
Fourth of July celebration. . . . .	500 .00
Health Department. . . . .	3,071 .70
Insurance . . . . .	1,281 .18
Melrose Hospital. . . . .	1,000 .00
Memorial Day . . . . .	200 .00
Military Aid . . . . .	455 .45
Permanent Loan. . . . .	1,100 .00
Police Department . . . . .	12,372 .00

Public Library .....	\$3,000 .00
Curbing and grading grounds .....	1,500 .00
Salaries as provided by ordinance .....	12,400 .00
School Department .....	82,220 .00
Soldiers' Relief.....	2,000 .00

## PUBLIC WORKS DEPARTMENT.

City Hall.....	\$2,280 .00
Collection of ashes.....	1,395 .00
Dix Pond .....	100 .00
Engineering Division .....	2,350 .00
Highway Division .....	20,000 .00
Parks .....	100 .00
Public Works office .....	1,170 .00
Sewer Division, maintenance.....	800 .00
Sidewalks .....	2,500 .00
Street Lighting .....	12,904 .25
Brown-tail and Gypsy Moth and Charity Department, (special orders).....	1,778 .09
	<hr/>
	\$189,343 .67

Real estate valuation.....	\$13,813,325 .00
Personal valuation .....	1,424,530 .00
	<hr/>
	\$15,237,855 .00

Number of dwellings 1903,	3312
“ “ “ 1904,	3319

BORROWING CAPACITY FOR 1905.  
(Revised Laws, Chapter 27.)

An act to limit municipal debt of and the rate of taxation in cities.

SECTION 3. A city shall not become indebted in an amount exceeding two and one-half per cent. on the average of the assessors' valuations of the taxable property therein for the three preceding years, the valuation of each year being first



reduced by the amount of all abatements allowed thereon previous to the last day of December in the year preceding said assessment.

The net valuation of the city of Melrose for the past three years is as follows :

Year.	Total Valuation	Abatements	Net Valuation
1902	\$15,461,980	\$4,274.75	\$15,034,405
1903	15,225,105	2,627.95	14,962,310
1904	15,411,530	2,584.70	15,153,060
			<hr/> \$45,149,775
Average valuation for 1902, 1903, 1904, is			<hr/> \$15,049,935.00
Two and one-half per cent. of the same			\$376,248.12
Net municipal debt .....			<hr/> 253,542.04
Borrowing capacity for 1905 .....			\$122,706.08

To which will be added any amount that may be appropriated for the municipal debt and sinking funds.

#### TAX LEVY FOR 1905.

(Revised Laws, Chapter 12.)

An act authorizing assessors in cities of less than one hundred thousand inhabitants to use the valuation of the year preceding as a basis of taxation.

SECTION 54. The taxes assessed on property exclusive of the state tax, county tax and sums required by law to be raised on account of the city debt shall not in any year exceed twelve dollars in any city on every one thousand dollars of the assessors' valuation of the taxable property therein for the preceding year, said valuation being first reduced by the amount of all abatements allowed thereon previous to the thirty-first day of December in the year preceding said assessment, subject to the following provisions: If the city council of a city which contains less than one hundred thousand inhabitants according to the last preceding national or state census so determines, the

average of the assessors' valuation of the taxable property therein for the preceding three years, said valuation for each year being first reduced by the amount of all abatements allowed thereon previous to the thirty-first day of December in the year preceding said assessment, shall be used to determine said limit of taxation instead of said assessors' valuation of the preceding year. In the city of Boston, and in all cities which contain one hundred thousand inhabitants or more according to the census aforesaid, said average shall be so used.

In the city of Boston, said taxes shall not exceed ten and one-half dollars instead of twelve dollars as aforesaid. Any order or appropriation requiring a larger assessment than is herein limited shall be void. The provisions of this section shall not affect any existing exemption from the operation of the corresponding provisions of earlier laws.

The net valuation for 1904 ..... \$15,153,060.00

Assessed at \$12.00 per \$1,000 gives . . . . . 181,836.72

which is the legal limit for taxation for municipal purposes for 1905 outside of the sinking fund requirements, interest on the debt, and state and county tax.

In the method of keeping our books and accounts of the several departments, I believe there is an opportunity for improvement, and while there is nothing to investigate so far as relates to the ability and integrity of our officers, yet I think that if a committee was appointed by your Honorable Board, who would examine carefully into our clerical work, there might be a uniform method adopted which would be appreciated not only by the officers themselves, but by those who desire information from the several departments.

In this connection I would like to have considered the advisability of uniting the officers of Treasurer and Collector. I believe, if this is done, the business of collecting and financing could be done more economically and with better satisfaction. I would also recommend that if the custom is to be maintained in the future as has been in the past, of the Engr. and Supt. of Public Works collecting and holding monies for sewer connections, water repairs, renting the City Auditorium, and receipts for other purposes, and the Clerk of the Cemetery Committee



also receiving sums which aggregate in the course of the year to about \$5000, that they should be placed under bonds as are other officers who handle the city's monies.

These, and other questions of a like nature, could be considered by a committee, and if in their judgment there appeared to be a reason for a reorganization in the clerical work of the departments, they could make their report to your body for action. I recommend, therefore, that a committee be appointed who shall take these matters under consideration.

#### THE PUBLIC WORKS DEPARTMENT.

It must be conceded by all who have given the matter any thought, that a great amount of work has been done during the year by this department, and with very satisfactory results. This has been accomplished mainly by the faithful, untiring and able management of our Engr. and Supt. of Public Works, W. Dabney Hunter; combining with expert knowledge of the construction and planning of Drainage, Water and Sewer Systems, an executive ability which enables him to receive the loyal support of his assistants in working for the interest of the city, we may well congratulate ourselves upon having such a one at the head of this our most responsible and important department.

I would earnestly call to your attention, as I have done previously, the needs of the city stable and yard; and in addition to what I have said before relative to this matter, I believe, if we establish a city stable and yard, the collection of ashes and street sprinkling could be done to better advantage and without an increase in the cost.

The principal work of this department during the year 1904 has been as follows:

The building of the Franklin Street drain, of which a portion of the expense has been paid by the Boston & Maine Railroad Company.

Berwick Street Drain relaid.

The Leonard Brook Drain completed.

Elm Street Drain completed, street put to grade.

## SURFACE DRAINAGE.

Cedar Park Drain completed and connected with the main brook.

Ashland Street and Highland Avenue Drain built.

There are a number of residences which are not connected with the sewer, and in many cases the reason for their not being connected is that the expense attending the same practically prohibits many doing so. It seems to me that the present method of levying assessments for common sewers, if adopted for connections, would be for the benefit of the individual and also for the city as there should not be the slightest obstacle to secure connection of all the premises on sewerred streets; and I would therefore recommend that the Legislature be petitioned for authority to use from our issue of sewer bonds such amounts as would be necessary to make these connections, and that the cost be apportioned upon the owners of real estate, to be made in five annual payments similar to that now in use for the apportioning of the abutters' sewer tax.

Main Street Drain, from Franklin to Porter streets, built, of which the Boston & Northern Street Railway Company paid a portion.

These drains all form a part of the original system of surface drainage as planned by the Engr. and Supt. of Public Works and adopted by the Board of Aldermen. With the funds available from the sale of bonds authorized in 1904, it is the intention of this department during the coming year to build catch-basins and connect by lateral drains those streets and crossings which are now in poor condition, owing to the wash of freshets and heavy rains, thus preparing the way towards rebuilding the streets properly, so that they may be safe and convenient for travel, and not waste the public money by constant repairing. In connection with this subject, I respectfully recommend that another issue of \$20,000 Surface Drainage Bonds be authorized.

## HIGHWAYS.

The supervising of the widening and rebuilding of Main Street from Porter Street northerly to the Wakefield line.

Elm Street graded and rebuilt, curbstones set and sidewalks repaired and rebuilt.

A section of Main Street, comprising the west side between Essex and Foster Streets, laid with bitulithic macadam. This was not an experiment, but to serve as an object lesson to show to our citizens what an improvement could be made upon our most travelled streets of a surface which would not only be durable and easy to keep clean but practically noiseless. There is nothing better than a granite block paving for such streets, but the expense of laying and the noise of teams rattling over the pavements make it especially undesirable, and as this pavement which is now laid costs about one-half that of the granite paving and seems to prove satisfactory to our citizens, I should recommend that wherever it may be deemed necessary to renew or rebuild in those streets of a like condition as Main Street where it is now laid, that this method be adopted.

Appleton Street, gutters paved.

Ashland Street, raised to grade and macadamized.

Franklin Street, from Ashland to Greenwood Streets, resurfaced.

Main Street, east side, from Winthrop to Emerson Streets, resurfaced.

Lebanon Street, from Forest Street to the Malden line, graded and macadamized.

Berwick Street, Vinton Street from Emerson to Franklin Streets, Otis Street, Orris Street, Vinton Street to Walton Park, macadamized.

Walton Park, east gutter paved and street graded.

Most of this work has been what might be termed permanent construction and not for maintaining. To carry on any work during the year, which may be of a permanent nature, it might be necessary that a bond issue be authorized for "Permanent Highway Improvement."

All individual sidewalks applied for, and all continuous walks ordered have been built and many of the old walks have been repaired.

#### WATER.

A new 10-inch water main has been laid in Main Street from Melrose to Morgan Street.

In view of the fact that the new method of assessment upon the several municipalities in the Metropolitan Water District goes into effect January 1, 1906, the basis of said assessment will be determined by the consumption of water during the coming year. A full and exhaustive report of the use and waste of water in the district, and the relation that Melrose bears to the other municipalities, has been prepared by Mr. Hunter, which is now in the hands of a committee of your Honorable Board, and will no doubt be acted upon at an early date. If, in your judgment, it seems best to adopt the meter system, it will probably be necessary that a bond issue will have to be authorized.

I would respectfully suggest that your Board take immediate action upon the question of the assessment of betterments for benefits received under the system of surface drainage.

I also call to your attention the fact that there is a section of the city which was not included in the original system of surface drainage. I refer to that portion known as the Saugus River area, containing about 317 acres. It may be desirable for the benefit of the owners of property in that section, that the Engr. and Supt. of Public Works should prepare plans and estimate of cost of continuing the system through this territory. This might be properly considered in connection with the proposed boulevard which is laid out along the brook at or near Bennett's Pond. And with regard to the boulevard which is to connect the Fells with Lynn Woods, I am credibly informed that surveys have been made and are now completed, preparatory to commencing the building of the roadway; as soon as the plans are finished, they will be sent to the city and options on the land to be taken will be asked for.

There is a matter of legislation that will probably come before the next General Court in which Melrose in common with the other cities and towns in the Metropolitan District, is vitally interested. I refer to a report that will be made by a special committee appointed by the Legislature of 1904 to investigate and report upon questions relative to the local sewerage systems within the Metropolitan Sewerage District. Mr. Hunter and myself attended the hearing at the State House upon the subject matter. It seems that some of the towns and cities who were

not in the Metropolitan Sewerage District scheme originally, and have come in since it was completed, desire to have their main sewers to be built by the state, as it has been done in those places through which the main sewer was obliged to go to connect with other towns and cities. I opposed the petition, but at the same time protected our interests, providing that they should make a favorable report by calling their attention to the fact that Melrose wishes to have an opportunity to show that certain lines or laterals built by it, and others to be built in the future, should be purchased and built by the Commonwealth; but whatever way the committee may report, it will of necessity come before the Legislature for consideration, and I recommend that our representative be requested, in the event of the committee making a favorable report, to use his influence against the passage of the bill, on the ground that it is inexpedient and unwise for the Commonwealth to build or purchase local sewers, unless the same are used in common by two or more of the municipalities.

#### DYNAMITE EXPLOSION.

The awful calamity caused by the explosion of dynamite, which startled and shocked our city on the evening of September 21st, is still fresh in our memory. Some measures should be adopted to better safeguard lives and property from accidents of this nature than are now in force, and I believe that a general law will be enacted by the Legislature during the coming year, placing proper restrictions governing the handling and transporting of dangerous explosives, and I recommend that our Representative to the General Court be instructed to use his efforts toward obtaining necessary legislation upon this matter.

#### PINE BANKS PARK.

I have received a communication from Col. H. E. Converse of Malden in which he, acting for his sisters and himself, offers to the cities of Malden and Melrose the property known as The Pine Banks Park, which belonged to the estate of his father, the late Hon. E. S. Converse. By the terms of the will of Mr.



Converse, the whole of the property known as Pine Banks Park is devised to his children with the request that they "consider giving the whole or some part thereof to the City of Malden and the Town of Melrose for a public park or other public charitable use, upon condition that the said city and town shall respectively agree to keep such portion thereof as shall be within its borders, in good repair and condition." They desire to carry out his suggestions and "will deed the property known as Pine Banks Park, except the two log cabins which will be removed, to a board of seven trustees who are to hold it in trust and keep it forever open as a public park, except as hereinafter provided.

"The board of trustees shall consist of seven members made up as follows: The Mayors of the city of Malden and the city of Melrose, ex-officiis, two citizens of Malden and two of Melrose, to be selected in the first instance by the donors, the term of office of one representative of each city to expire in each year, the vacancy to be filled in January of each year by vote of the remaining five members, the seventh member to be named by the donors and their descendants; and in the event of their failure, inability or refusal to name such seventh member, the vacancy to be filled on petition of either of the cities by the Probate for the County of Middlesex. This board is to have the absolute control and management of the property with power to make such rules and regulations as shall seem to it best. The members thereof shall serve without pay.

"The city of Melrose and the city of Malden, if they accept the provisions of this offer, are to agree to furnish in equal shares annually the amount determined by the board each year to be necessary to keep the property in as good condition as the same now is. Failure on the part of either of the cities to make sufficient appropriation, shall on request of the donors, their heirs or devisees, obligate the trustees to reconvey the property to the donors or their heirs or devisees free from all trusts."

This beautiful park at the entrance to our city contains 107 1-2 acres of diversified land, hill and plain, dense woods and level ground. It has been for many years, through the generosity and public spirit of its owner, maintained for the benefit of the

public and now it is freely offered to us by his children to be forever kept as a recreation ground and a breathing place for our citizens. We should accept the offer and express our gratitude to the family of the donor.

I am aware that questions may be raised as to whether we can afford to contribute our share of the expense of its maintenance, but I have investigated the cost of taking care of the Park and I believe that we can provide the sum necessary for the care of the property. I therefore recommend its acceptance and I shall send a communication to the Board of Aldermen at their next regular meeting with reference to the same.

#### SPOT POND WATER CLAIM.

No settlement was reached with the Commonwealth of the claims of Malden, Medford and Melrose on account of the takings at Spot Pond by the Metropolitan Water Board. An offer was made by the Commonwealth, but it not being satisfactory, was rejected. We received, however, the sum of \$107,628.93 on account, of which sum \$100,000 was placed in the sinking fund to the credit of the water loan and the balance, \$7,628.93, to be held by the treasurer for the purpose of defraying the expenses in prosecuting the suit against the Commonwealth. This suit is now being heard before auditors appointed by the Supreme Court. There is every prospect of its being determined in a very short time.

#### SPOT POND BROOK.

This ever present source of trouble to the welfare and comfort of those of our citizens who live in its vicinity, has at last received the consideration of the Legislature, and under Chapter 406 of the Acts of 1904, a commission was provided who should hear all parties interested and make awards of the proportion of expense of carrying out the plan as recommended by the Metropolitan Water and Sewerage Board in 1903, this award to be divided between the Metropolitan Water District and the cities of Malden and Melrose. The petition for the appointment of

the commission was duly filed by the City Solicitor and is now awaiting action. Nothing can be done at present until the Spot Pond Water Claim now being heard shall be disposed of.

#### BROWN-TAIL AND GYPSY MOTHS.

I believe the citizens are fully alive to the fact that unless there is prompt and vigorous action with united effort on the part of the city and themselves, the brown-tail and gypsy moth pest will so overrun our streets and land as to destroy all our beautiful trees and shrubs. The Aldermen have willingly and generously voted money to be used under the direction of the Superintendent of Public Works for the suppressing of these pests, and individuals have formed an organization to continue the work on private premises. An association has been formed, known as the Massachusetts Association for the Suppression of the Gypsy and Brown-tail Moth, whose object is to arouse public sentiment, to bring about united action with individuals, municipalities and the state, and to secure suitable legislation. I commend their efforts and ask your hearty co-operation in assisting by every honorable means in your power these organizations.

#### GAS AND ELECTRIC LIGHTING.

The lighting of a city today has become a public necessity and has assumed a position in the community with the other public utilities of water and sewers. We are suffering today not only from poor service, but from an expenditure which the conditions under which these commodities are produced do not warrant.

I have been in communication with both the Gas and Electric Light Companies which supply light to our city; I have patiently listened to complaints from our citizens, I have carried my burdens to the Commissioners at the State House, and it seems to be of no avail. Now, I have no particular use for the theories of the so-called socialists, who no doubt are honest in their beliefs and efforts to ameliorate the conditions of mankind in general, but it is the purpose of a municipality to furnish its citizens with



the best service possible at the least expense; therefore, I think we should begin to consider the practicability of establishing a municipal lighting plant. I am confident that if the city should own and operate a plant, it could produce better light than what we are receiving today and deliver it at less cost, and I recommend that a committee be appointed to consider this question.

#### MELROSE HOSPITAL.

As has been our custom in the past to appropriate money for this worthy institution, I heartily recommend a continuance of the same. The work of the Hospital is invaluable to our city and should receive the hearty support of all.

#### PUBLIC SCHOOLS.

This most important of our municipal departments, upon which we expend more than one-third of our appropriations and which assumes the education of more than 3000 pupils, shows an increase of attendance and a continuance of a policy which places Melrose in the front rank of the schools of the Commonwealth. The urgent necessity of additional accommodation for the normal growth of the school population, leads me to recommend that either a new 16-room building on the High School grounds be built, or an enlargement of the present High School building, to provide for the ninth grades and High School growth. My judgment would be, and in this decision I have the support of the Superintendent of Schools, that an enlargement of the High School building by the extension on each side would be most acceptable for the following reasons:—The architectural effect of the present building would be improved, and the school administration would be easier. I shall bring this to your attention later.

#### DEPARTMENTS.

I have no special recommendations to make for the Charity, Police and Fire Departments. I can, however, record my

hearty commendation of their desire to give to our citizens the best service possible, and are ever watchful and vigilant in the discharge of their duty.

## PUBLIC LIBRARY.

During the year the beautiful building for our Library has been completed and opened for the use of our citizens. It is surprising and gratifying to note the increased attendance at the reading room, especially of our school children; and great credit is due to the management in providing an educational branch which is so well appreciated and highly prized by our scholars.

## CONCLUSION.

I have outlined briefly the work that has been done during the year past, with as few recommendations as I could consistently make with the amount available for expenditure.

I have given you figures in detail for your information and guidance, and in closing I invite you, at any time, to confer with me about any measure that may be brought before you, because I believe that the best way to achieve a successful administration is by a hearty co-operation of the officers of the city and by giving due respect and consideration to the honest opinions of each other, we may arrive at a happy and successful solution of the many serious questions that we must meet in the discharge of the duties we have assumed.

# Government of the City of Melrose

1905.

---

Mayor.

SIDNEY H. BUTTRICK

---

President of the Board of Aldermen.

AARON HILL, JR.

---

Aldermen at Large.

ALBERT A. DAY.....	Term expires January, 1907
AARON HILL, JR.....	" " " 1907
EUGENE H. MOORE.....	" " " 1907
CHARLES J. BARTON.....	" " " 1906
ANDREW J. BURNETT.....	" " " 1906
ARTHUR H. FOLGER.....	" " " 1906
OLIVER B. MUNROE.....	" " " 1906

---

Ward Aldermen.

Ward 1. WILLIAM A. CARRIE	HARRY F. SEARS
Ward 2. LESLIE F. KEENE	WARREN S. TOWNER
Ward 3. JOEL C. PAGE	JOHN C. F. SLAYTON
Ward 4. GEORGE E. CORNWALL	CHARLES W. H. FREDERICK
Ward 5. WILLIAM D. GOWER	LOWELL F. WENTWORTH
Ward 6. JOHN BUFFUM	CHARLES C. SWETT
Ward 7. LEVI ELMS	JOHN J. McCULLOUGH *

\* Resigned July 1, 1905.

---

Clerk of the Board.

W. DEHAVEN JONES, City Clerk

## Standing Committees of the Board of Aldermen.

---

President of the Board of Aldermen.

AARON HILL, JR.

---

Accounts and Surety Bonds.

Aldermen CORNWALL, BARTON, WENTWORTH, PAGE, SEARS.

---

Buildings.

Aldermen SLAYTON, BURNETT, SWETT, KEENE, CARRIE.

---

City Clerk and Cemetery.

Aldermen BUFFUM, TOWNER, ELMS, DAY, CARRIE.

---

Claims.

Aldermen TOWNER, GOWER, MUNROE, PAGE, FREDERICK.

---

Elections and Returns, Printing and Supplies.

Aldermen GOWER, KEENE, BUFFUM, SEARS, McCULLOUGH.

---

Finance.

Aldermen BARTON, TOWNER, SLAYTON, WENTWORTH, FREDERICK, CARRIE  
BUFFUM.

---

Fire Department, Electric and Telephone Wires.

Aldermen MOORE, BURNETT, MUNROE, WENTWORTH, KEENE.

---

Highways, Sewers, Water and Public Grounds.

Aldermen SWETT, MOORE, FOLGER, CORNWALL, PAGE,  
GOWER, McCULLOUGH.

---

Nominations and Resolutions.

Aldermen PAGE, TOWNER, BURNETT, CORNWALL, ELMS.

---

Ordinances, Rules, Orders and Legislative Matters.

Aldermen CARRIE, MUNROE, DAY, SWETT, FREDERICK.

---

Police Department and Licenses.

Aldermen KEENE, GOWER, ELMS, CORNWALL, McCULLOUGH.

## STANDING COMMITTEES.

## Public Charities.

Aldermen ELMS, DAY, BUFFUM.

---

## Public Health.

Aldermen, WENTWORTH, SLAYTON, SEARS.

---

## Public Schools and Public Library.

Aldermen MUNROE, BARTON, DAY, PAGE, GOWER.

---

## Solicitor and Collector.

Aldermen FOLGER, CARRIE, BARTON, SLAYTON, BUFFUM.

---

## Special Committee on Settlement with Metropolitan Water Board.

Aldermen FREDERICK, FOLGER, BARTON, MUNROE, PAGE.

---

## Special Committee on Spot Pond Brook for Conference with His Honor the Mayor.

Aldermen SEARS, KEENE, SLAYTON, MOORE, SWETT, CORNWALL,  
McCULLOUGH.

---

## State Military Aid and Soldiers' Relief.

Aldermen DAY, BURNETT, SWETT.

---

## Street Railways and Public Lighting.

Aldermen BURNETT, MOORE, FOLGER, TOWNER, ELMS.

---

## Treasury and Assessors.

Aldermen McCULLOUGH, SEARS, MOORE, FOLGER, WENTWORTH.

---

## Clerk of Committees.

VICTOR C. KIRMES.

# CITY OFFICERS.

---

City Clerk.  
W. DEHAVEN JONES.

---

Assistant City Clerk and Clerk of Committees.  
VICTOR C. KIRMES.

---

City Treasurer.  
WILLIAM R. LAVENDER.

---

City Collector.  
JAMES W. MURRAY.

---

City Auditor.  
EDWIN C. GOULD.

---

Engineer and Superintendent of Public Works.  
W. DABNEY HUNTER.

---

Mayor's Clerk.  
EMMA L. LEIGHTON.

---

City Solicitor.  
FRANK L. WASHBURN.

---

Chief of Fire Department.  
JOSEPH EDWARDS.

---

Chief of Police.  
FRANK M. McLAUGHLIN.

---

Inspector of Buildings.  
W. AUGUSTUS GOODNO.

---

Inspector of Plumbing.  
JOHN T. BARKER.

---

Inspector of Milk and Vinegar  
WILLIAM S. BRIRY.

---

Inspector of Animals, Provisions and Food Products.  
FRANK P. STURGES.

---

Sealer of Weights and Measures.  
WILLIAM L. PIERCE.

## CITY OFFICERS.

Agent State and Military Aid and Soldiers' Relief.

CHARLES O. BOYD.

Burial Agent.

ALBERT L. CARLETON.

Assessors.

FRANK R. UPHAM, Chairman.

L. FRANK HINCKLEY.

WILLIAM MORSS

JOHN C. CROLLY, Clerk.

Assistant Assessors.

MERTON G. WOODBURY.

ALDEN B. SMITH.

THOMAS SMALLWOOD.

Board of Health.

CLARENCE P. HOLDEN, Chairman.

EDMUND L. GRUNDY.

ARTHUR A. HAYDEN.

GRACE A. COLBY, Clerk.

Overseers of the Poor.

THOMAS M. GOGIN, Chairman.

MATILDA E. STANTIAL.

WILLIAM S. SOULE.

GRACE A. COLBY, Clerk.

Matron Pratt Farm.

MRS. MABEL F. WORTH.

School Committee.

E. CLIFFORD FISH, 17 Wyoming avenue . . .	Term expires January, 1907
ISABELLE STANTIAL, 146 Florence street . . .	" " " 1907
OSCAR F. FROST, 10 Vine street . . . . .	" " " 1907
WILLIAM D. STEWART, 21 Woodland avenue . . .	" " " 1908
SARAH A. DAY, 45 Ashland street . . . . .	" " " 1908
CHARLES A. CASTLE, 98 West Emerson street . . .	" " " 1909
GEORGE H. HILL, 16 Summer street . . . . .	" " " 1909
MARY P. HOLDEN, 32 Lake avenue . . . . .	" " " 1909
EDWIN S. SMALL, 273 Main street . . . . .	" " " 1909
WILLIAM D. STEWART, Chairman.	ISABELLE STANTIAL, Secretary



## Sinking Fund Commissioners.

JOHN W. FARWELL .....	Term expires	1908
DANIEL RUSSELL .....	" "	1907
CHARLES C. BARRY .....	" "	1906

## Trustees of the Public Library.

CHARLES C. BARRY .....	Term expires	1906
EDWARD M. MUNYAN .....	" "	1906
NEIL A. DIVVER .....	" "	1907
ANNA T. BUSH .....	" "	1907
ELBRIDGE H. GOSS .....	" "	1908
MARY L. CHARLES .....	" "	1908

## Cemetery Committee.

JOHN P. DEERING, Chairman.

WILLIS C. GOSS

LEWIS HENRY KUNHARDT.

EDWIN C. GOULD, Clerk.

ROSCOE A. LEAVITT, Superintendent Wyoming Cemetery.

## Registrars of Voters.

EDWIN L. CRAGIN, Chairman .....	Term expires	1907
*HERBERT A. MARSH .....	" "	1906
†HARRY C. WOODILL .....	" "	1906
VICTOR C. KIRMES .....	" "	1908

W. DEHAVEN JONES, City Clerk, ex-officio.

\*Resigned. †Appointed to fill vacancy.

## Engineers of the Fire Department.

JOSEPH EDWARDS, Chief.

THOMAS J. HAWKES, 1st Asst.

FRANK H. CHEEVER, 2d Asst.

## Measurers of Wood and Bark, Weighers of Hay and Coal.

GEOGRE M. HALL	GEORGE GOODWIN	FRED H. GOSS
OTIS W. PIERCE	FRANK E. NEWELL	WILLIAM L. PIERCE.
	CHARLES B. GOSS.	

## Fence Viewer.

CHARLES F. WOODWARD.



## CITY OFFICERS.

Field Driver.

HARRY W. WORTH.

Pound Keeper.

HARRY W. WORTH.

## Police Officers.

FRANK M. McLAUGHLIN, Chief.

OSBORNE E. DROWN.

WILLIAM A. CASWELL.

REDFORD M. RAND.

WILLIAM C. MCCARTHY.

LOUIS B. HEATON.

GEORGE E. FULLER

HARRY BROWN

ALLSTON H. PINEO.

WILLIAM H. DOHERTY

CHRISTOPHER B. THOMPSON.

FRANK N. PIERCE.

## Special Police Officers.

PATRICK F. MURRAY.

JOHN H. WING.

A. WILBUR LYNDE.

EDGAR E. SHERBURN.

HENRY T. ENSLIN

ALBERT P. LITTLE

JAMES H. MAINE.

OSCAR H. LOWE.

ISAAC C. GORMAN.

M. JAMES HANLEY

HARRY W. WORTH.

JOHN H. THYNG.

ALBERT A. MCBETH.

## Constables.

GEORGE W. BURKE.

WILLIAM L. PIERCE

FRANK M. McLAUGHLIN

OSBORNE E. DROWN.

Bail Commissioner.

SIDNEY H. BUTTRICK.

## Civil Service Commissioners.

GEORGE H. DEARBORN.

WILLIAM A. DOLE.

W. DEHAVEN JONES, Clerk.

## Election Officers for the Year 1905-6.

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### Ward 1.

PATRICK W. CURRY, Republican.....	Warden
HARRY A. BATCHELDER, Republican .....	Deputy Warden
CORYDON W. HARLOW, Democrat.....	Clerk
WILLIAM H. GREENLEAF, Democrat .....	Deputy Clerk
GEORGE S. MCNEIL, Republican .....	Inspector
CHARLES A. PECK, Republican.....	Deputy Inspector
WILLIAM F. BUCK, Republican .....	Inspector
CHARLES W. JONES, Republican .....	Deputy Inspector
MICHAEL REARDON, Democrat .....	Inspector
SIMEON CRAGIN, JR., Democrat .....	Deputy Inspector
FRANCIS N. BEMIS, Democrat .....	Inspector
THOMAS F. TROY, Democrat .....	Deputy Inspector

---

### Ward 2.

GEORGE W. BURKE, Republican .....	Warden
CALVIN W. SAWYER, Republican .....	Deputy Warden
AUBREY W. DUNTON, Democrat .....	Clerk
FRANKLIN R. CARR, Democrat .....	Deputy Clerk
FRANK E. MORTON, Republican .....	Inspector
JAMES F. FERNALD, Republican .....	Deputy Inspector
ALDEN B. SMITH, Republican .....	Inspector
DANIEL K. COLLAMORE, Republican .....	Deputy Inspector
OTIS W. PIERCE, Democrat .....	Inspector
FRANK W. LEWIS, Democrat, .....	Deputy Inspector
FRANK L. TERWILLIGER, Democrat .....	Inspector
GEORGE W. STINSON, Democrat.....	Deputy Inspector

---

### Ward 3.

FRANK TOWLE, Republican .....	Warden
EVERETT E. TARBOX, Republican .....	Deputy Warden
FRANCIS W. HOFFMAN, Democrat .....	Clerk
STEPHEN HOPKINS, Democrat .....	Deputy Clerk
C. H. ROCKWOOD, Republican .....	Inspector
CLIFTON A. PENDLETON, Republican.....	Deputy Inspector
STEPHEN A. LOVEJOY, Republican.....	Inspector
MARTIN L. STACY, Republican .....	Deputy Inspector
JOHN J. KEATING, Democrat .....	Inspector
GEORGE W. VAN HORN, Democrat .....	Deputy Inspector
PETER J. CURRAN, Democrat .....	Inspector
FREDERICK M. KIRMES, Democrat.....	Deputy Inspector

## Ward 4.

CHARLES H. BUTTRICK, Republican	Warden
EDWARD J. KITCHING, Republican	Deputy Warden
DAVID G. MURPHY, Democrat	Clerk
HAROLD E. WATERHOUSE, Democrat	Deputy Clerk
H. RUSSELL SAWTELLE, Republican	Inspector
CHARLES A. PAGE, Republican	Deputy Inspector
WILLIAM P. LIBBY, Republican	Inspector
CHARLES S. ALLEN, Republican	Deputy Inspector
GEORGE E. HYDE, Democrat	Inspector
EDWARD E. BABB, Democrat	Deputy Inspector
WILLIAM H. SULLIVAN, Democrat	Inspector
GEORGE A. DEAN, Democrat	Deputy Inspector

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## Ward 5.

MERTON G. WOODBURY, Republican	Warden
BENJAMIN F. STAFFORD, Republican	Deputy Warden
GEORGE H. DEARBORN, Democrat	Clerk
SAMUEL DEARBORN, Democrat	Deputy Clerk
ALFRED H. FRENCH, Republican	Inspector
CHARLES E. COLBY, Republican	Deputy Inspector
FRANK E. NEWELL, Republican	Inspector
JOSEPH E. GRUNDY, Republican	Deputy Inspector
THOMAS J. HAWKES, Democrat	Inspector
THOMAS P. CONNELLY, Democrat	Deputy Inspector
JOHN KEEFE, Democrat	Inspector
JOHN E. MCKINNON, Democrat	Deputy Inspector

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## Ward 6.

GEORGE H. TOWNE, Republican	Warden
BERTRAM E. LOVEJOY, Republican	Deputy Warden
WILLIAM J. DUFFY, Democrat	Clerk
JONATHAN H. ATKINSON, Democrat	Deputy Clerk
FRANK B. DROWN, Republican	Inspector
FRANK L. McNALLY, Republican	Deputy Inspector
EDWARD P. WAITT, Republican	Inspector
ARTHUR A. HAYDEN, Republican	Deputy Inspector
STEPHEN C. DEERING, Democrat	Inspector
JOHN A. LEISK, Democrat	Deputy Inspector
WALTER F. PICKETT, Democrat	Inspector
ALLEN L. LEACH, Democrat	Deputy Inspector

## Ward 7.

GEORGE A. BAILEY, Republican.....	Warden
ALBERT A. DADLEY, Republican .....	Deputy Warden
HENRY E. JOHNSON, Democrat .....	Clerk
JOHN J. BUCKLEY, Democrat .....	Deputy Clerk
WILLIAM L. KERSHAW, Republican .....	Inspector
JOHN C. FLATLEY, Republican .....	Deputy Inspector
WALTER B. COPELAND, Republican .....	Inspector
WILLIAM F. RUSSELL, Republican .....	Deputy Inspector
CHARLES F. DOHERTY, Democrat.....	Inspector
EDWARD P. HENNEY, Democrat .....	Deputy Inspector
DANIEL J. FOLEY, Democrat .....	Inspector
EDWIN D. BAKER, Democrat .....	Deputy Inspector



ANNUAL REPORT

OF THE

SCHOOL COMMITTEE

OF THE

CITY OF MELROSE

FOR THE

YEAR ENDING JANUARY 31, 1906.

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MELROSE:  
DUNTON PRINTING COMPANY  
1906

IN THE SCHOOL COMMITTEE,

MELROSE, April 9, 1906.

Voted,— That the annual report of the Superintendent of Schools be accepted and printed as the report of the School Committee.

F. H. NICKERSON,  
Recording Secretary.

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## SCHOOL CALENDAR FOR 1906.

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### WINTER TERM.

First Half. Begins January 2, and closes February 23. Vacation, one week.

Second Half. Begins March 5, and closes April 27. Vacation, one week.

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### SPRING TERM.

Begins May 7, and closes June 29. Vacation, nine weeks.

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### FALL TERM.

Begins September 5, (Wednesday) and closes December 21. Vacation, one week.

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### HOLIDAYS DURING TERM TIME.

Every Saturday, Washington's Birthday, Patriots' Day, Memorial Day, June 17, and Thanksgiving Day, with the half day preceding and the day following it.

## SCHOOL COMMITTEE FOR 1905.

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### MEMBERS.

E. Clifford Fish, 17 Wyoming avenue .....	Term expires Jan. 1907
Isabelle Stantial, 146 Florence street .....	" " " 1907
Oscar F. Frost, 10 Vine street .....	" " " 1907
William D. Stewart, 21 Woodland avenue ....	" " " 1908
Sarah A. Day, 45 Ashland street .....	" " " 1908
Charles A. Castle, 98 West Emerson street ....	" " " 1908
George H. Hill, 16 Summer street .....	" " " 1909
Mary P. Holden, 32 Lake avenue .....	" " " 1909
Edwin S. Small, 273 Main street .....	" " " 1909

---

### ORGANIZATION OF COMMITTEE.

William D. Stewart, Chairman.

Isabelle Stantial, Secretary

---

### MEETINGS OF COMMITTEE.

Regular meetings of the School Committee are held in the Committee Room, High School Building, on the second and fourth Mondays of every month except July and August, at eight o'clock p. m.

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### SUPERINTENDENT OF SCHOOLS.

Fred H. Nickerson, A. M., 77 Upham street.

Office: High School Building.

Office hours: 8 to 9 a. m. on school days, and 4 to 5 p. m. on Monday, Tuesday, Thursday and Friday.

Telephone 210-2.

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### SUPERINTENDENT'S CLERK.

Rosetta M. Pendleton, 179 Trenton street.

## SUB-COMMITTEES.

### ACCOUNTS.

Hill.	Small.	Castle.
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### COURSE OF STUDY AND TEXT-BOOKS.

Holden.	Stantial.	Hill.
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### SUPPLIES AND PRINTING.

Frost.	Day.	Fish.
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### TEACHERS AND SALARIES.

Day.	Fish.	Stantial.
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### SPECIAL STUDIES.

Fish.	Castle.	Holden.
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### HIGH SCHOOL.

Stantial.	Day.	Castle.
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### RULES AND REGULATIONS.

Castle.	Holden.	Small.
---------	---------	--------

### SCHOOL HOUSES AND JANITORS.

Small.	Hill.	Frost.
--------	-------	--------

### VISITING COMMITTEES.

#### HIGHLANDS.

Stewart.	Day.	Castle.
----------	------	---------

#### CENTRE.

Stantial.	Frost.	Day
-----------	--------	-----

#### WYOMING.

Small.	Holden.	Hill.
--------	---------	-------

#### EAST SIDE.

Fish	Castle	Holden.
------	--------	---------

# REPORT OF THE SUPERINTENDENT OF SCHOOLS.

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TO THE SCHOOL COMMITTEE OF MELROSE:

LADIES AND GENTLEMEN:—The following report upon the administration of the schools for the past year is submitted for consideration.

TABLE I.

## SCHOOL CENSUS AND ENROLLMENT.

No. of persons between 5 and 15 years of age residing in the city September 1, 1905 .....	2706
No. of persons between 7 and 14 years of age residing in the city September 1, 1905 .....	1987
No. of different pupils enrolled during the school year, 1904-1905 ...	3086
No. of pupils over 15 years of age enrolled during the school year, 1904-1905 .....	460
No. of pupils between 5 and 15 years of age enrolled during the school year, 1904-1905 .....	2577
No. of pupils between 7 and 14 years of age enrolled during the school year, 1904-1905 .....	1904
No. of pupils under 5 years of age enrolled during the school year, 1904-1905 .....	49

TABLE II.  
SUMMARY OF PRINCIPALS' REPORTS FOR THE SCHOOL YEAR, 1904-1905.

I. BY SCHOOLS.

SCHOOLS	No. of Different Pupils Enrolled	No. of Boys	No. of Girls	Average Member- ship	Average Attend- ance	% of Attend- ance	Corporal Punish- ment
High .....	427	188	239	397.31	378.61	95.30	
Franklin .....	345	180	165	314.98	296.02	93.91	6
Washington .....	407	202	205	368.88	356.20	96.56	
Lincoln .....	319	161	158	312.92	297.70	95.13	1
Horace Mann .....	343	167	176	308.30	292.30	94.81	1
D. W. Gooch .....	327	174	153	323.17	306.04	94.69	1
Livermore .....	192	87	105	186.82	177.81	95.17	
Warren .....	143	70	73	135.78	123.60	91.03	1
Winthrop .....	133	63	70	128.48	121.59	94.63	6
Sewall .....	177	106	71	176.17	167.83	95.03	
Whittier .....	213	112	101	180.45	166.72	92.39	1
Converse .....	34	15	19	33.40	30.91	92.54	
Ripley .....	26	14	12	27.97	24.92	89.09	
Total .....	3,086	1,539	1,547	2,894.63	2,740.25	94.66	17

## 2. BY GRADES.

GRADES	No. of Different Pupils Enrolled	No. of Boys	No. of Girls	Average Member- ship	Average Attend- ance	% of Attend- ance	Corporal Punish- ment
High .....	427	188	239	397.31	378.61	95.30	
Grade 9 .....	195	87	108	182.87	172.36	94.25	2
Grade 8 .....	234	114	120	224.89	214.75	95.49	1
Grade 7 .....	313	164	149	298.06	282.84	94.89	4
Grade 6 .....	277	137	140	251.65	240.51	95.57	
Grade 5 .....	308	166	142	286.65	272.09	94.92	
Grade 4 .....	339	162	177	316.53	303.55	95.89	8
Grade 3 .....	305	158	147	296.38	283.43	95.63	1
Grade 2 .....	297	165	132	282.43	267.47	94.66	1
Grade 1 .....	331	169	162	296.49	268.81	90.66	
Combined 1-2-3 .....	60	29	31	61.37	55.83	90.97	
Total .....	3,086	1,539	1,547	2,894.63	2,740.25	94.66	17



## COMMENT ON TABLE II.

Comparison with a similar table in the report for the previous year shows that during the past year there has been an increase of 2% in the average membership of the schools and a decrease of 3-10% in the regularity of attendance.

Of the seventeen cases of corporal punishment that are recorded, twelve are confined to two buildings, and, chiefly, to two grades. Ninety per cent. of the teachers have conducted their schools without a case of corporal punishment. This indicates commendable moderation in the use of whipping as a means of government in our schools.

In view of the difficulties involved in managing and teaching from 30 to 50 children throughout the school year, it seems a tribute to the purpose, patience, and moral power of our teachers, as a whole, that so few find it necessary to use the rod in their schools.

Undoubtedly it would be a source of gratification to all who are responsible for the administration of the schools, if it were never necessary to resort to corporal punishment in the management of pupils. I fear, however, that the process of evolution must go on for some time yet before we may reasonably expect such a condition to prevail.

Superintendent Southworth of the Somerville, (Mass.) schools, in discussing this subject says:—"Those of us who have the good fortune to be living in the millennium will doubtless hear nothing of corporal punishment either in the school or in the home. The necessity for it will have ceased to exist. Until that happy period comes, however, and so long as human nature is what it is, so long as force is needed anywhere to secure compliance with rules and law, so long as parental government is weak, and so long as no restraint is placed upon wayward children outside of school, both teachers and parents will be compelled to resort to this means to secure order and obedience."

It is probably true that the possibility of conducting a school system so as to yield the best results without an occasional resort to corporal punishment is remote, but it is also true that in the best school systems the rod is used very sparingly today; and, on the whole, it does not appear that school discipline has

suffered by the attempt to reduce corporal punishment to the minimum. With respect to our own schools, I am convinced that, in the best sense, the discipline, today, is better than it was when corporal punishment was more largely practiced. We have, still, pupils who are annoying and sometimes vicious, and occasionally a room that is generally disorderly because the teacher lacks the requisite power of leadership with children, but, on the whole, the discipline in our schools today is excellent,—the relations between pupils and teachers in general are cordial and courteous, and the majority of the children are happy in their work in the schoolroom.

While much credit is due the room teachers for the above conditions, which are fundamental to the best educational development of young people, the principals of our schools deserve no little commendation in this connection, for, to a large degree, the spirit that pervades a school is what the principal makes it.

TABLE III.  
NUMBER OF TEACHERS IN THE DIFFERENT DEPARTMENTS  
DECEMBER, 1905.

	Males	Females	Total
High. Grades X, XI, XII, XIII.....	6	10	16
Grammar. Grades V, VI, VII, VIII, IX ..	2	35	37
Primary. Grades I, II, III, IV .....	0	41	41
Special Teachers, Music.....	1	0	1
Drawing .....	1	0	1
Manual Training .....	0	1	1
General Assistant .....	0	1	1
Total .....	10	88	98

COMMENT ON TABLE III.

Comparison of this table with a similar one in the report for the previous year shows an increase of two in the number of teachers employed, December, 1905, over the number in service, December, 1904.

The additional teachers have been required by the larger registration in the upper grammar grades which made it necessary to open more rooms for the accommodation of the pupils in those grades.

TABLE IV.

NUMBER OF PUPILS IN THE DIFFERENT GRADES, DECEMBER, 1905.

Primary.	Grade I .....	329
	Grade II .....	325
	Grade III .....	320
	Grade IV .....	331
Grammar.	Grade V .....	308
	Grade VI .....	284
	Grade VII .....	240
	Grade VIII .....	278
High.	Grade IX .....	192
	Grade X .....	155
	Grade XI .....	106
	Grade XII .....	91
Post Graduate	Grade XIII .....	75
	.....	3
Total .....		3037

## COMMENT ON TABLE IV.

Comparing this table with a similar one in the report for the previous year it will be seen that, while the total enrollment for all grades in December, 1905, was four less than in December, 1904, the combined registration in the six highest grades of the system, i. e., in the high school and the two highest grammar grades, shows an increase of forty-nine pupils.

Further study of this table shows that, of the whole number of pupils in the schools in December, 1905, 29 1-2% were registered in the six highest grades, including the high school, and 14% in the high school alone.

In 1898, the year in which I began service in Melrose, the number of pupils in the high school was approximately 9% of the total school registration and the number in the six highest grades, including the high school, was 18 1-2% of the whole number of pupils in the schools.

This great increase during the past few years in the ratio of pupils in the higher grades of the schools to the total school population speaks well for the inspirational character of the

work that our schools have been doing and should be a source of gratification to all who desire the advancement of the highest educational interest of the city.

TABLE V.

AVERAGE NUMBER OF PUPILS PER TEACHER IN THE AVERAGE MEMBERSHIP OF THE SCHOOLS, DECEMBER, 1905.

Grade I .....	21
Grade II. ....	37
Grade III .....	41
Grade IV .....	41
Grade V .....	38
Grade VI .....	43
Grade VII .....	40
Grade VIII.. ...	35
Grade IX .....	25
High School .....	27
Summary for all Grades .....	32

## COMMENT ON TABLE V.

While the condition of the schools in Melrose with respect to the average number of pupils per teacher is better than in many places, the number per teacher in grades two to eight inclusive as given in the above table is larger than is desirable for the best results to be secured. Obviously less pupils per teacher means increased expenditure for the support of the schools, but, if economy is to be gauged, in part at least, by the educational results secured and not simply with reference to dollars and cents, there is considerable ground for the belief that it is not the most economical plan of administration in school matters to maintain large classes. The attempt to teach such classes results in great waste in educational effort through the inability of the teacher to reach the individual pupil in her work.

Now, until the public shall become keenly sensitive to such waste, it will be hardly possible to secure the money necessary to organize public schools, in respect to the size of their classes,

with a view to their greatest effectiveness. Therefore I feel, as stated in my report for 1904, "That the members of any school committee can hardly do more valuable service for public school interests than to stand shoulder to shoulder in the work of educating the public to an appreciation of the importance of having less pupils to a teacher in the public schools."

TABLE VI.  
CHANGES IN THE TEACHING FORCE DURING 1905.  
1. WITHDRAWALS.

Name of Teacher.	Position Held.	Date of Withdrawal.
Louisa I. Pryor .....	5th grade, Franklin School .....	January 1
Archer C. Bowen .....	Principal, Franklin and Whittier .....	February 1
Lavinia W. Smallwood .....	7th grade, Washington School .....	March 1
Blanche Brickett .....	6th grade, Franklin School .....	March 1
Bessie A. Conway .....	7th grade, Mary A. Livermore .....	March 13
Florence R. Norton .....	General Assistant .....	March 13
Annie P. O'Hara .....	9th grade, Lincoln School .....	March 13
Genieve R. Barrows .....	4th grade, Washington School .....	April 1
A. Arline Merrill .....	1st grade, Gooch School .....	April 1
Amelia C. Ford .....	English Department, High School .....	June 23
Margaret McGill .....	History Dept., High School .....	June 23
G. Walter Williams .....	Commercial Dept., High School .....	June 23
Alvin C. Saunders .....	Supervisor of Music .....	June 23
Aubigne Lermond .....	7th grade, Horace Mann School .....	June 23
A. Gertrude Stone .....	9th grade, Washington School .....	June 23
Alison M. Scott .....	1st grade, Sewall School .....	June 23
Rosa E. Richardson .....	8th grade, Franklin School .....	September 25
Harriet L. Sheldon .....	7th grade, Franklin School .....	November 1
Kenneth Beal .....	Head of English Dept., High School .....	December 22



## 2. TRANSFERS.

Name.	Position Held.	Position to which Transferred.	Date.
Mary E. Deans	1st grade, Winthrop	1st grade, Gooch	April
Alice G. Drake	8th grade, Franklin	8th grade, Lincoln	September
Marguerite Pierce	7th grade, Franklin	7th grade, Mann	September
Helen L. Patten	2d grade, Washington	3d grade, Warren	September
Mary S. Haley	5th grade, Lincoln	6th grade, Lincoln	September
Mary R. Clarke	7th grade, Lincoln	5th grade, Lincoln	September
Alice H. Long	6th grade, Gooch	5th grade, Gooch	September
Lois M. Holmes	5th grade, Gooch	6th grade, Gooch	September
Mary S. Wentworth	Prin. Asst., Mann	Asst., Mann and Livermore	September
Edith M. Maxwell	6th grade, Mann	5th grade, Washington	September
A. Louise McCormick	5th grade, Mann	6th grade, Mann	September
Linnie M. DeMeritt	Asst., Livermore and Winthrop	8th grade, Franklin	September
Lucy E. Shute	6th grade, Livermore	5th grade, Livermore	September
Bertha C. Hatch	5th grade, Livermore	6th grade, Livermore	September
Mary E. Tupper	3d grade, Warren	2d grade, Washington	September
Lena D. Marshall	3d grade, Sewall	4th grade, Sewall	September

## 3. NEW TEACHERS.

Name.	Position Held.	Position to which Elected.	Date.
Evelyn Pike	5th grade, Middleboro, Mass.	5th grade, Washington	January 2
Alton C. Churbuck	Prim. Oakdale School, Dedham, Mass.	Prim. Franklin and Whittier	February 13
Mabel A. Burlingham	Substitute, Malden, Mass.	8th grade, Washington	March 1
Grace E. Pomeroy	Not Teaching	6th grade, Franklin	March 1
Bertha F. Cline	Graded School, Brookline, N. H.	General Assistant	March 20
Mabel G. Drake	7th grade, Quincy, Mass.	7th grade, Livermore	March 20
Mary Corcoran	3d grade, Stoneham, Mass.	4th grade, Washington	April 10
Laura I. Lamprey	1st grade, Winchendon, Mass.	1st grade, Winthrop	April 10
C. Ross Appler	Centen'y Col. Inst. Hackettstown, N. J.	Business Dept., High School	September 6
Mary J. Bourne	High School, Reading, Mass.	History Dept., High School	September 6
Mary W. Kingsley	Not Teaching	History Dept., High	September 6
Edw. N. Griffin	Supervisor of Music, Stoneham, Mass.	Supervisor of Music	September 6
Grace M. Carpenter	5th and 6th grades, Warren, Mass.	9th grade, Lincoln	September 6
Clarabel P. Fisher	1st grade, Lubec, Me.	1st grade, Sewall	September 6
Marguerite E. Hill	Not Teaching	7th grade, Lincoln	September 6
Olive M. Lermond	Derry, N. H.	General Assistant	September 6
Edith A. Maxwell	Not Teaching	6th grade, Gooch	September 6
Rosa E. Richardson	8th grade, Reading, Mass.	8th grade, Franklin	September 6
Harriet L. Sheldon	Prim. Graded School, Yarmouth, Me.	7th grade, Franklin	September 6

## COMMENT ON TABLE VI.

Approximately 19% of our teaching force changed during the year owing to the withdrawals that occurred. This is practically the average rate of annual change in the corps for the past six years. An annual change of nearly one-fifth of the membership of the teaching corps must materially injure the schools, for not only does the time spent by the Superintendent of Schools in looking up new teachers deprive the schools of considerable of his service in a supervisory line, but also, even if we are fortunate enough in filling vacancies to secure others as efficient as those who have left, there is inevitably more or less loss in efficiency while the incoming teachers are adjusting themselves to their new conditions of work. Therefore it would seem to be the duty of those who are charged with the administration of the schools to do what they reasonably can to prevent the loss of efficient teachers from the corps of instructors.

Of course not all of the teachers that annually leave us do so for financial reasons, but, in view of the fact that 58% of those who withdrew during 1905 resigned to accept higher salaries elsewhere, the recent action of the School Committee establishing a higher maximum salary for teachers below the high school grades is to be commended as a step in the right direction.

Necessarily this action on the part of the Committee will lead to a larger annual expenditure for salaries for teachers, but the community can well stand the extra tax for this purpose, since the higher salary attainable under the new schedule will make it easier than it has been formerly to secure and to retain teachers of first-class ability. Respecting the importance of being able to secure and retain first-class teachers in the schools, the Superintendent of Schools in Somerville has said in a recent report:—

“If our schools have merit, it is chiefly to be attributed to a strict adherence to the principle that the spring and source of all excellence in them rests in the character of the teacher. Buildings and books, studies and supervision, are all subordinate to this prime factor. From the time when we cease to secure the best possible teachers or yield to the pressure to

employ the weak or mediocre to please their friends, or for other reasons, our schools will begin to deteriorate.''

The main features of our new schedule to which reference has been made are as follows:

I. In grades I to VI inclusive the minimum yearly salary is fixed at \$400, and the regular maximum at \$550. In addition to this general maximum, which is attainable for length of service, there is a special merit maximum of \$650 open to all teachers who have received a salary of \$550 for two years provided (a) that they have satisfactorily completed a line of professional study approved by the Superintendent of Schools, and (b) that they are unanimously indorsed by the Principal under whom they may serve, the Superintendent of Schools, and the Committee on Teachers.

II. In grades VII and VIII the minimum salary is \$400 per year, the maximum attainable by all for length of service is \$600, and there is a special merit maximum of \$700 attainable under the principle set for grades I to VI.

III. In grades IX the minimum salary is \$400 per year, the maximum attainable by all for length of service is \$650, and there is a special merit maximum of \$750 attainable under the principle set for previous grades.

IV. The regular annual increase in all grades is \$50.

It is not to be expected that the operation of the foregoing schedule will wholly protect Melrose from the possibility of losing teachers to other places that pay still higher salaries, but its general effect in that direction is well indicated by the fact that, although the new schedule was adopted only three months ago, already we have been able to retain the services of four excellent teachers who had been offered higher salaries elsewhere and whom we should have lost under the old salary schedule. In my judgment the adoption of the foregoing schedule is the most important single contribution to the welfare of our schools that has been made during the year.

TABLE VII.

## ANNUAL FINANCIAL EXHIBIT FOR 1905.

## 1. GENERAL STATEMENT.

## Receipts.

Original appropriation for 12 mo. from Feb. 1, 1905, to Feb. 1, 1906 .....	\$86,713.00	
Supplementary appropriation .....	1,384.13	
	<hr/>	
Total available receipts .....		\$88,097.13

## Expenditures.

Salaries (teachers, janitors, truant officer, superintendent, clerk) .....	\$68,920.16	
Books and supplies .....	5,720.04	
Fuel .....	6,747.33	
Repairs .....	2,812.55	
Miscellaneous .....	1,966.14	
Furniture .....	561.25	
Transportation .....	564.00	
Advertising and printing .....	341.53	
	<hr/>	
Total expenditure for 12 mo. from Feb. 1, 1905 to Feb. 1, 1906 .....	\$87,633.00	
Unexpended balance .....		464.13
	<hr/>	

## 2. AVERAGE EXPENDITURE PER PUPIL.

[Based on the average membership of the schools for the financial year, 2920.50]

Teaching .....	20.61	
Supervision, (superintendent and clerk) .....	.90	
Books and supplies .....	1.96	
Janitors and truant officer .....	2.07	
Fuel .....	2.31	
Miscellaneous .....	.67	
Transportation .....	.19	
Advertising and printing .....	.11	
	<hr/>	
Cost per pupil, excluding repairs, furniture and new buildings .....		\$28.82
Furniture .....		.19
Repairs .....		.96
	<hr/>	
Cost per pupil for all purposes .....		\$29.97

TABLE VIII.  
COMPARATIVE FINANCIAL EXHIBIT COVERING THE PERIOD SINCE MELROSE BECAME A CITY.  
1. GENERAL STATEMENT.

	1900	1901	1902	1903	1904	1905
<b>RECEIPTS.</b>						
Appropriation for year	\$77,000.00	\$77,000.00	\$78,589.00	\$84,049.00	\$83,720.00	\$86,713.00
Receipts for Tuition, etc.	1,176.08	1,932.11	2,658.33	.....	.....	.....
Supplementary Appropriation	.....	2,450.00	.....	.....	1,300.00	1,384.13
Total Amount Available	\$78,176.08	\$81,382.11	\$81,247.33	\$84,049.00	\$85,020.00	\$88,097.13
<b>EXPENDITURES.</b>						
Salaries	\$60,141.47	\$61,384.35	\$62,268.01	\$63,563.33	\$66,460.49	\$68,920.16
Books and Supplies	5,123.00	5,799.26	5,199.95	6,299.38	5,790.20	5,720.04
Fuel	7,060.08	7,449.89	6,541.67	6,699.15	8,077.80	6,747.33
Repairs	2,681.89	3,700.00	3,831.17	3,875.77	2,109.62	2,812.33
Miscellaneous	1,771.87	1,478.62	1,878.65	1,740.41	1,542.80	1,966.14
Furniture	1,036.07	599.71	600.00	821.68	279.03	561.25
Transportation	.....	480.00	509.00	527.00	546.00	564.00
Advertising and Printing	.....	270.95	251.75	350.00	283.52	.....
High School and Teachers' Libraries	361.70	99.76	99.85	98.60	.....	.....
Total Expenditure	\$78,176.08	\$81,262.54	\$81,180.05	\$83,975.32	\$84,999.46	\$87,633.00
Unexpended balance	.....	119.57	67.28	73.68	20.54	464.13
Excess of expenditure	.....	.....	.....	.....	.....	.....



## 2. AVERAGE EXPENDITURE PER PUPIL.

(Based on average membership for the financial year.)

	1900	1901	1902	1903	1904	1905
For teaching .....	\$20.31	\$20.23	\$19.77	\$19.84	\$20.39	\$20.61
For supervision .....	.98	1.07	.98	.93	.88	.90
For books and supplies .....	2.02	2.23	1.91	2.27	2.04	1.96
For janitors .....	2.38	2.31	2.21	2.16	2.11	2.07
For fuel .....	2.78	2.87	2.41	2.41	2.84	2.31
For printing .....	.14	.10	.09	.12	.10	.11
For transportation .....	.....	.18	.18	.19	.20	.19
For high school and teachers' library .....	.....	.04	.03	.03	.....	.....
For miscellaneous (not including repairs, furniture and new buildings) ..	.70	.57	.69	.63	.54	.67
Total cost (excluding furniture, repairs and new buildings) .....	29.31	29.60	28.27	28.58	29.10	28.82
For furniture .....	.41	.23	.22	.29	.10	.19
For repairs .....	1.06	1.42	1.41	1.40	.71	.96
Total cost for all purposes .....	\$30.77	\$31.25	\$29.90	\$30.27	\$29.91	\$29.97
Similar average for the State at large .....	\$34.62	\$34.92	\$36.42	\$35.80	\$38.10	\$41.01

## COMMENT ON TABLE VIII.

While the total cost per pupil for 1905, viz., \$29.97, is six cents higher than that for 1904, it is \$11.04 less than a similar average for the state at large and \$.45 less than the average cost for the five preceding years since Melrose became a City. These figures appear to indicate a reasonable regard for economy in the management of our schools.

## THE HIGH SCHOOL.

The work of this school merits the continued confidence of our citizens. The standing of the graduates of the school who go on to higher educational institutions testifies to the thoroughness of the instruction given in the studies of the curriculum, while the bearing of the pupils in general in and about the school building indicates that the discipline of the school is of the right kind. A few special points with respect to the school merit consideration.

1. CHANGES IN TEACHERS. It was much to be regretted that at the close of the school year in June, Miss Margaret McGill and Miss Amelia Ford of the history department and Mr. G. Walter Williams of the commercial department resigned their respective positions in the school. Miss McGill resigned to accept a higher salary in Newton High School; Mr. Williams, to accept a higher salary in the New Bedford High School; and Miss Ford, to take post-graduate work in the University of Wisconsin.

Miss Mary J. Bourne, teacher of history in the Reading, (Mass.) High School, and Miss Mary W. Kingsley, a graduate of Tufts College, were selected to fill the vacant positions in the history department, and Mr. C. Ross Appller, teacher of commercial branches in the Centenary Collegiate Institute of Hackettstown, N. J., was chosen for the vacant commercial position. Without exception the work of the new teachers has justified their appointment.

Another serious loss to the school was the resignation in December of the present school year of Mr. Kenneth Beal, head of

the department of English, to accept a higher salary in a similar position in the Salem, (Mass.) High School. No permanent appointment has yet been made to fill this vacancy.

2. ATTENDANCE. The following tabulation shows the maximum registration in this school in September of each of the years during which I have been connected with the schools of Melrose.

YEAR	1898	1899	1900	1901	1902	1903	1904	1905
Grade X .....	76	88	116	119	155	157	133	154
Grade XI .....	62	59	61	95	103	117	110	108
Grade XII .....	59	47	50	58	79	93	92	91
Grade XIII .....	29	46	40	44	51	61	77	78
Post Graduates .....	6	7	9	9	6	5	6	4
Totals .....	232	247	276	325	394	433	418	435

From the above figures it appears that, since the present high school building was opened to use in September, 1898, the membership of the high school has increased 87 1-2%. When it is taken into account that the increase in the membership of all the schools during the same time is only 15 1-2%, an increase of 87 1-2% in the attendance of the pupils in the high school becomes significant.

It appears, also, from the above tabulation that in 1898, 13% of the total undergraduate registration was in the senior class, while, in 1905, 18% was in the senior class. In other words, during the period from 1898 to 1905, the ratio of the number of pupils in the senior class to the total number of undergraduate pupils increased 5%. This is a gratifying showing for it indicates that a larger proportion of our pupils than formerly are availing themselves of the benefit of the full high school course.

It may fairly be expected that the rate of increase in the membership of this school will be less rapid during the next few years, unless the growth in the population of the City should be considerably more rapid in the immediate future than it has been during the past several years. Nevertheless it may be wise to bear in mind that any considerable increase in the mem-

bership of the school will require an enlargement of the present building if the efficiency of the school is to be maintained.

3. RECENT GRADUATES. Thirty-six boys and thirty-two girls received diplomas of graduation from the school in June, 1905. Of this number eighteen are taking courses of study in College, one is taking a medical course, one is at the Salem Normal School, two are studying at the Normal Art School in Boston, three are taking courses in business schools, thirty-eight are engaged in business occupations, and five are at home. In this connection it is interesting to note the relatively large number of boys who graduate from the school. Of the pupils who received diplomas in 1903, 47% were boys; the same was true of the class of 1904; and 53% of the class of 1905 were boys. These figures indicate that an unusually large percentage of boys take the high school course in Melrose.

4. CHOICE OF STUDIES. The following tabulation shows the number of pupils in each class taking the different studies from which choice may be made.

NUMBER OF PUPILS IN THE HIGH SCHOOL TAKING THE FOLLOWING BRANCHES, DECEMBER, 1905.

Studies	Gr. X	Gr. XI	Gr. XII	Gr. XIII	Post Grad.	T't'ls
Latin .....	85	41	29	23	.....	178
Greek .....		5	5	9	.....	19
French .....	22	88	53	32	2	197
German .....		52	41	9	1	103
Algebra .....	146		27	.....	.....	173
Geometry .....		58	27	8	.....	93
Commercial Arithmetic .....	64	3	1	4	.....	72
Bookkeeping .....			30	29	.....	59
Stenography .....			37	25	3	65
Typewriting .....			37	25	3	65
Physics .....		49	3	10	.....	62
Chemistry .....			38	4	.....	42
History .....	131	42	27	53	.....	253
English .....	153	103	90	77	2	425
Commercial Law .....		38	3	1	.....	42
English Grammar .....	22	1	.....	3	.....	26
Music .....	119	41	28	20	.....	208
Drawing .....	89	28	30	14	4	165
Astronomy .....						

5. COST OF HIGH SCHOOL. The following statements show the total itemized expenditure and the per capita cost for this school during the year ending February 1, 1906.

#### 1. GENERAL EXPENDITURE.

ITEMS	EXPENDITURES	*PER CENT
Salaries (teachers, janitors, engineer) .....	\$16,425.41	24
Books and supplies .....	1,396.35	24
Fuel .....	1,462.71	22
Sundries .....	411.33	21
Total for support of school .....	19,695.80	
Repairs and permanent improvements .....	210.02	8
Total for all purposes .....	19,905.82	23

\*Per cent. of the amount expended for all schools for similar items.

#### 2. PER CAPITA EXPENDITURE.

(Based on the average membership for the financial year, 405.58)

ITEMS.	EXPENDITURE PER PUPIL.
Salaries .....	\$40.49
Books and supplies .....	3.44
Fuel .....	3.60
Sundries .....	1.01
Repairs and permanent improvements .....	.52
Total for all purposes .....	\$49.06

The total per capita cost as given in the above table is twenty-one cents less than that for 1904.

6. THE COURSE OF STUDY. When the high school moved into its present quarters in the fall of 1898, a new course of study was put into effect, which with slight modification is essentially the course in operation today. The present arrangement is given in the following table:

## COURSE OF STUDY.

FOURTH CLASS.	THIRD CLASS.	SECOND CLASS.	FIRST CLASS.
Grade X Required studies	Grade XI Required studies	Grade XII Required studies	Grade XIII Required studies
English, 4	English, 3	English, 3	English, 4
Elective studies	Elective studies	Elective studies	Elective studies
Latin, 5	Latin, 5	Latin, 5	Latin, 4
	Greek, 5	Greek, 5	Greek 4,
French, 4	French, 4	French, 4	French, 4
History of Greece and Rome, } 4	German, 4	German, 4	German, 4
	Medieval Hist., 4	English Hist., 4	U. S. Hist. } Civics } Economics } 4
Algebra 4			College Hist. } Reviewed } 2
English Grammar } 3			College Phys 4
	Physics and Chemistry, } 4	Chemistry, 4	Geology and Astronomy } 3
	Geometry, 4		Solid Geom. } and } Trigonom. } 4
Com'l Arith. and Corres- pondence, } 4	Com'l Geog. and Com'l Law, } 3	Review Alge. and Geom., } 4	Book-keeping, 5
		Book-keeping, 5	Stenography, 4
		Stenography, 4	*Typewriting, 4
		*Typewriting, 4	*Typewriting, 4
* Music, 1	*Music, 1	*Music, 1	*Music, 1
* Drawing, 1	*Drawing, 1	*Drawing, 1	*Drawing, 1
*Unprepared Studies			

A few words of explanation will help in the interpretation of the table.

The figures at the right of the studies indicate the number of recitations per week in the respective studies. Pupils who expect to receive a diploma are required to take a program of



work that includes at least sixteen periods of prepared recitations weekly during the four years of the course.

In making up a working program, however, the student has a wide range of choice, since English is the only study required of all and since he may select any studies that he and his parents consider best for his particular need, not only from the list of elective subjects scheduled for the class in which the pupil is, but also from the studies of the preceding class or classes.

It is not permitted to choose studies from the list scheduled for a higher grade than that in which the pupil is registered, (1) because, as a rule, his preparation for those studies is inadequate, and (2) because such practice would lead to a multiplication of classes that would require a larger teaching force for the school than we can afford.

In computing the number of periods in a program, such studies as music, drawing, and typewriting, that require no home preparation, are classed as unprepared studies, and count for one-half the number of periods designated in the course of study. Thus music and drawing count respectively one-half a period a week and typewriting counts two periods.

To meet fully the needs of our young people, those who for satisfactory reasons are unable to carry the full program of work required for a diploma, may be admitted to the privileges of the school as Partial Students in such classes as they are fitted to enter.

His Honor, the present Mayor, in his inaugural address raised an issue respecting the arrangement of the commercial lines of work in our high school that it seems wise to consider briefly in this connection. He believes that the present course of study in the high school should be so changed that a pupil who elects to take a course of training in that school that is calculated to fit him for a successful business career may be able to secure a diploma of graduation at the end of two years in the school.

Naturally, what one considers wise with respect to the content and arrangement of a course of study depends largely upon his conception of the purpose that the course is intended to subserve.

To my mind, the end of wage-earning at the earliest possible moment is not the ideal in conformity to which public school

courses should be shaped. To fit the individual to his environment in the broad sense so that he may be as effective as possible as a social factor is the real purpose for education at public expense. Clearly this purpose embraces as one of its elements training for self-support. Therefore, to the extent that it can be done without sacrificing the larger purpose, it is well to train those whose formal education ends with the public school course so that they may be equipped to earn a livelihood immediately upon graduation; but we do wrong, in my judgment, to exalt this end to the chief place in the determination of any course of study for the public schools. This, I take it, is the fundamental error of those who advocate a two-year commercial course for the public high school.

One who is familiar with the immaturity and limited educational development of the average child fresh from the grammar schools knows that a two-year course of commercial training in the high school immediately following the grammar school course can hardly do more in general than to develop inferior book-keepers, stenographers, and typewriters.

As I have already implied, the true object of high school training in a commercial line is broader than simply to train boys and girls for an inferior grade of clerical work, it is rather to give them a breadth of training that will fit them, not only to command the better class of opportunities at the start, but also to take advantage of the openings that lead to positions of leadership in the business world.

Educators who have studied carefully the progress of commercial training in the public schools and the increasing requirements for success in the business world are practically unanimous in the opinion that a two-year business course immediately following the grammar school course is thoroughly unwise for the public high school.

In 1901 the National Educational Association appointed a special committee of nine to prepare a monograph on commercial education in the American public schools. This committee, which was made up of six directors of high school commercial work, the state inspector of business education in New York, an author and publisher of business text-books, and the princi-

pal of a large business college, early in its deliberations adopted the following statement as the principle upon which its conclusions should be based: "The paramount factor in shaping commercial courses in public schools should be the welfare of the student who goes directly from the high school to his life-work." With this principle in mind and after deliberations covering nearly two years, this committee declared unanimously in favor of a four-year commercial course for the public high school and submitted an outline of studies for such a course.

Commenting on the wisdom of the committee in not submitting a shorter program, Principal Sheppard of the New York School of Commerce made this assertion:—"Short courses are always popular, but it is difficult to make them successful"; and Superintendent Maxwell of Greater New York makes the following statement based upon his experience with two-year commercial courses in the Brooklyn High Schools: "Two-year commercial courses side by side with four-year literary and scientific courses are simply a colossal blunder."

A commission appointed by the Mayor of the City of Chicago to study the educational needs of that city submitted a report in 1898 recommending "That a commercial high school, with a full, liberal four years' course of study be established." In its discussion of the proposed course of study the commission added:—"We feel strongly that a short and so-called 'practical course' would be predestined to failure and would be an injury rather than a help to what will prove in the near future one of the most important developments in secondary education."

There have been placed in my hands recently replies from seventeen Massachusetts towns and cities to an inquiry as to the length of the course in commercial training in vogue in the high schools in those places. The places indicated are Worcester, Milford, Framingham, Cambridge, Newton, Somerville, Malden, Chelsea, Everett, Revere, Winthrop, Lynn, Wakefield, Beverly, Danvers, Marlboro', and Lawrence. The replies show that in every one of these places the course is a four-year course. It is worth noting, also, that the above communities embrace all types of social character.

The following quotations represent fairly the general belief of those who have charge of the public educational interests in these communities.

Superintendent Southworth of Somerville says: "We have a four-years' course and would not change. The demand is for greater intelligence and education in office help. The market is glutted with the cheaper kind."

Superintendent Peaslee of Lynn writes: "We began with a two-years' business course. After a time we made it three years and now we have made it four years. This seems to us none too long."

Superintendent Hervey of Malden says: "We feel that it is all we can do to prepare pupils in four years to meet the requirements in business at the present time."

Superintendent Gregory of Chelsea states: "If you are thinking of a two-years' course, meaning by that that that is the total time spent in the high school by the pupil who elects the business course, I think I can assure you that it is about the worst thing that you can do. I had ample experience with that plan in Trenton, N. J., an experience extending over years . . . The course there was finally lengthened."

It is evident from the foregoing statements that our present arrangement for commercial training in the Melrose High School is in harmony with the best thought and practice of the day.

Expert opinion ought to have weight in the field of education as in other lines of activity. Unfortunately, however, it is too frequently assumed that education is a subject upon which any one of good judgment is competent to give advice; and so, because one may have been fairly successful in business or in some professional line, the public is quite likely to consider him as well qualified to outline educational policies for the public as another whose life has been devoted to the study and practice of education in its application to public needs.

I am convinced that the best results are not likely to be secured in public education until the public shall come to value the opinions of professional educators in their field somewhat as we do that of the lawyer or the doctor in his.

It has been intimated by some who advocate a two-year commercial course for our high school that the present longer



course works hardship to many who cannot stay in the school long enough to complete the work.

It is not to be forgotten, of course, that, whatever may seem best theoretically, all educational policies in the management of public schools must be shaped somewhat with reference to local conditions. Therefore, if it were true that the great majority of those who desire a commercial training in our high school are so situated that they are unable to take advantage of the superior training of a four-year line of work, some modification of the present arrangement would seem to be justified. But do the facts warrant any such assumption?

1. A review of the reasons for which pupils have dropped out of school during the past few years, both from the high school and at the end of the grammar school course, indicates that relatively few do so from any consideration of the length of the commercial course.

2. The character of the homes from which the majority of our pupils come is such as to warrant the assumption that they are able to complete a four-year course of training if they so desire.

3. During nearly eight years of service as Superintendent of Schools in Melrose, I have had three parents ask whether or not it would be possible for their children to get a commercial training in the high school in less than four years; and the Principal of the high school during nearly six years with us has had five similar requests. Now during this time scores of young people have been through the commercial course in the school; and when it is borne in mind that practically every one of them, before entering the school, either himself or through his parents, consulted the Principal or Superintendent regarding the choice of studies, it is reasonable to suppose that any general demand or need for a shorter course would have appeared.

Undoubtedly there are some who feel that a shorter course would meet their needs better, but the best interests of the great majority of those who wish the commercial training seem to be subserved by the four-year course, and, as conditions hardly seem to warrant the extra expense involved in an attempt to

run both a two-year and a four-year commercial course in the school, it appears inadvisable to change the present arrangement.

#### PROGRESS IN GENERAL.

The limits of this report hardly permit the enumeration in detail of all that has been done during the year to make the school system more efficient. Nevertheless, it may be wise to consider a few features of the year's work to indicate in general the character of what has been attempted.

I. THE SCHOOL EXHIBIT. Near the latter part of the last school year an exhibition of the work done by the pupils in our schools in sewing, card-board construction, woodworking, drawing, and kindergarten handiwork was held in the high school building. During the three days that the exhibit was open hundreds of our citizens inspected the work, and, from the general comment, I feel not only that the results shown were a revelation to the public as to what is being done in the schools in manual work, but also that many came to feel that the educational value of such work is much greater than they had previously thought.

A prominent citizen who vigorously opposed an appropriation for the introduction of wood-working into the schools came to me during the exhibition, after he had carefully inspected the work and had had explained to him the end sought and the methods employed in the instruction, and stated that his mind had been entirely changed by what he had seen and learned thereof.

While such exhibits consume an amount of time and energy in their preparation that makes it impracticable to think of them as annual affairs, they have great value in educating the public to a better understanding of the work that is actually being done in the schools and of the purpose for which it is done.

In this connection it seems wise to call attention to the problem presented by the increasing number of pupils in those grades in which sewing and wood-working are taken. The size of these grades at the opening of the present school year made it necessary either to drop some of the classes or to secure assistance for Miss Ferson, the director. After some consideration,

Mr. Carter, the supervisor of drawing, who has had training in sloyd, was employed for an extra day per week to take charge of some of the classes in woodworking.

Careful consideration of municipal conditions as affecting the appropriations for school purposes leads me to feel, not only that it will be impossible for the present to extend the manual training in our schools to other grades, but also that some curtailment of the work in this line will be necessary during the coming year at least.

However, I look forward hopefully to a time when the means will be available to provide a systematic course of instruction in constructive hand-work throughout the grades with an opportunity either in the latter part of the grammar grades or in the high school for girls to have training in the science of household economy and home-making.

In the final analysis, the home is the hope of society. Unfortunately the trend of social life today seems to threaten the character of the home to a degree that is alarming to one who studies social conditions thoughtfully. Because this is true, and because the public school is the most available and effective institution through which to train the masses, it appears the part of wisdom to make earnest and definite effort in the schools to develop in young people an understanding of and a high degree of respect for those duties that pertain to the development of the right kind of homes.

II. THE LENGTHENED SESSION FOR GRADES VII, VIII, AND IX. For approximately one and one-half years we have had in operation a plan by which the daily session for pupils in the above grades is lengthened by a half-hour.

The reasons for adopting this practice appear in the following statements from my annual report for 1903 in which the proposition was first advanced:

1. "If the daily session should be lengthened by a half-hour and that time be given up to study, pure and simple, the desired opportunity would be afforded the teacher to teach pupils how to work as they should. I believe that, in the case of the average child, a half hour of such work in the school room would be



worth more in the preparation of the next day's task than twice that time in home study.''

2. "The opportunity of preparing lessons at school under the direction and stimulus of the teacher would enable the pupil to come to his home practically free from whatever nervous strain may come from the omnipresent thought of a lesson to be prepared at some time before the next session of school begins.''

3. "It is probable, also, that if lessons should be prepared at school as indicated, teachers would find it easier to hold pupils responsible for good results in their work.''

Careful observation of the working of the plan confirms my belief in the wisdom of its adoption, and I heartily indorse its continuance.

It is true that some of our teachers have been disposed to feel that the plan placed upon them an added burden, and that occasionally a parent has expressed dissatisfaction with it; but such results were to be expected,—they are the natural accompaniments of the introduction of any new plan of work and administration. It may be said, however, in this connection, that the complaints from parents respecting the operation of the present plan have been far less than were received under the former plan when more home study was required.

III. PROMOTION OF TEACHERS WITH THEIR CLASSES. By the common arrangement of public school administration, pupils, under normal conditions, remain one year with a teacher and are then promoted to another room and to a new teacher. As a rule, therefore, the child in passing through the nine grades of the elementary school course has at least nine different teachers. To my mind this is unfortunate for the best progress of children in the school. Whenever a teacher receives a new class, it becomes necessary for her to learn the mental peculiarities of her pupils and what they really know of the subjects in hand before she is in a position to work effectively with them. So too, on the other hand, before the pupils can work at their best, they must understand the teacher's ways of working and management.

During this process of mutual discovery there is considerable waste educationally in time and energy, and frequently more or less friction between school and home that interferes seriously with successful work with the pupil.

To overcome this source of waste in our educational system, I have tried during the past few years in grades V and VI the practice of having teachers remain two years with their classes. This end was accomplished by promoting the teacher of grade V with her class in June and by transferring at the same time the sixth grade teacher to grade V. By repeating this process annually each teacher in those grades, after the plan is once in operation, gets two years with her class.

An experience of two or three years with this plan proved so satisfactory that the same practice was begun in grades III and IV at the opening of the present school year.

To some it may seem unfortunate, if there be a poor teacher in the corps, to have pupils under her for two successive years. It is not the intention, however, to keep a teacher in the corps for any length of time who is positively inefficient. Obviously there will always be teachers who are less efficient than others, but the relatively weak teacher can accomplish more the second year with a class than she can the first, hence, on the whole, she is put in the way of greatest efficiency for the system when we give her a second year with her class.

This practice also renders a teacher able to teach the earlier year's work more effectively, because, from experience in teaching the work of the higher grade, she comes to appreciate more fully than she can in any other way the things that need special emphasis in the earlier work in order that the pupil may do the advanced work successfully.

On the whole, therefore, the above plan seems productive of better results in the grades mentioned than can be secured under the common practice of having a teacher hold her class for one year only.

No attempt has been made to carry out this plan in the other grades (1) because the work of grades I and II in our schools is so arranged that it hardly seems wise to operate the plan in those grades and (2) because the character of the work in grades

VII, VIII, and IX leads me to feel that a modification of the departmental plan of teaching is preferable in those grades.

IV. CHANGES IN CURRICULUM AND IN TEXT-BOOKS. There have been few changes in these lines during the year. In grade IX, English History has been substituted for the study of Physical Geography and Niver's Short History of England adopted for use as a text-book.

A special course of study in physiology and hygiene indorsed by the Massachusetts Association of School Superintendents was put in operation in our schools at the opening of the present school year and Conn's Elementary Physiology and Hygiene was adopted as the authorized text-book in that subject in place of Blaisdell's text-book which had been in use previously. The new book was placed in grades VIII and IX only during the present year but will be purchased for use in the other grades as new books may be needed.

In September Ginn's Medial Slant writing system replaced the vertical system that had been in use for the past nine or ten years. In making this change it was deemed wise to permit the pupils in grades VIII and IX to continue the use of the old system during the remainder of their school course.

The principal changes authorized in the text-books for the high school are as follows:—Cheyney's Short History of England has been adopted in place of Montgomery's Leading Facts of English History; Gleason's Greek Primer, in place of Gleason and Atherton's First Greek Book; Gano's Commercial Law, in place of Williams and Rogers Commercial Law; and Moore's New Commercial Arithmetic, in place of Sadler Rowe's Commercial Arithmetic.

V. SCHOOL ACCOMMODATIONS. At the opening of the present school year in September, the lack of sufficient school rooms in which to care for our pupils made it necessary to place two classes in the Lincoln School hall and one in the Franklin School hall. The Washington School hall has been used as a classroom for the past three years. Thus every hall that is available in our grammar buildings is now converted into a class-room.

With the opening of the next school year, September, 1906, conditions will be still more unsatisfactory, for we shall have at least one additional ninth grade class and that only feasible method of providing accommodations for it is to crowd another class into the Washington school hall. If this should be done, it will be necessary to cut through the roof of that building in some way in order to secure the proper lighting of the room for study purposes.

The need for increased school accommodations in the near future has been apparent to the school authorities for some time. The subject was mentioned in the school report for 1903. Again, in the report for 1904, attention was called to the need in this direction, and the public was advised of the fact that the School Committee had requested the Board of Aldermen to provide for an enlargement of the present high school building in order that the congested conditions in the different sections of the city might be relieved by centralizing the ninth grades in that building.

After careful consideration the Board of Aldermen by a two-thirds vote passed an order authorizing a sixty-five thousand dollar bond issue for the purpose of enlarging the high school building in accordance with the general plan suggested by the School Committee. This order was promptly signed by His Honor, Mayor Buttrick. Nevertheless, in accordance with a petition from the requisite number of citizens the proposition was submitted to a referendum vote at the annual city election in December and was defeated.

The rejection of the above proposition, which was the result of prolonged and thoughtful study of existing conditions, seems to me unfortunate for the best interest of the city educationally. However, the desire of the majority must prevail and it is the business of the School Committee, I judge, to accept that expression of the will of the people philosophically and to formulate the next best plan for providing the additional rooms that are clearly needed by our school population.

In my judgment, the immediate action called for under the conditions is the enlargement of the Mary A. Livermore building.



Consultation with the architects who designed the present building indicates that it can be enlarged so as to provide eight additional rooms and an assembly hall at a reasonable expense and without injury to the structure from an architectural point of view.

I trust that it may seem wise to the Committee to request the City Government to provide for such enlargement of our school accommodations.

VI. MUSIC. In May, 1905, Mr. Alvin C. Saunders, who had done excellent work as Supervisor of Music in our schools for several years, presented his resignation to take effect at the end of the school year.

After careful consideration of the qualifications of several candidates for the vacancy, Mr. Edward N. Griffin, at the time Supervisor of Music in Stoneham, Rockport, and Manchester, was chosen as Mr. Saunders' successor.

Mr. Griffin's work thus far indicates that the enviable standing of our schools in this line will be maintained under his direction.

#### VACATION SCHOOLS.

The work that has been done in the city under this head during the past three summers through the instrumentality of our women's clubs is so helpful to the best educational interests of the community that it seems advisable to include in this report the following brief statement from the Chairman of the Educational Committee of the Melrose Woman's Club, which had this enterprize in charge during the past summer.

MELROSE, April 7, 1906.

F. H. NICKERSON, Superintendent of Schools:

Dear Sir :—In answer to your request for a report of the vacation work of 1905, I submit the following.

For six weeks during the summer vacation, a school was carried on by the Educational Committee of the Melrose Woman's Club. This was the third and most successful season, which was due to two reasons, viz., that the committee was able to profit by past experiences and mistakes, and that the number of children was such as could be readily handled, while heretofore the attendance was so large, as to interfere with the efficiency of the work.

This year the numbers were limited by allowing only a few days for applications to be filed ; as a result four hundred were registered, against 660 the year before. Applications that came in after the period of registration had closed were placed on a waiting list from which vacancies during the first two weeks were filled.

Basketry, weaving on hand-looms, cooking, chair-seating, embroidery, iron and brass work were the branches taught. Four competent instructors were in charge of this work, assisted by ladies of the Club.

Instruction in each branch was given to every child desiring it twice a week, in periods of forty-five minutes. Cooking was the only exception to this rule. For obvious reasons, the number of cooking pupils, seventy in all, was divided into five divisions, each having one lesson per week of three hours' duration.

Each pupil who was able was asked to pay a nominal sum for materials used. This not only caused the children to more highly value their handiwork, but aided materially in meeting expenses.

The entire cost per pupil for the six weeks' term was \$1.20.

We feel that the importance and need of such industrial training have been proved ; but it is work which cannot be carried on indefinitely by a band of women. For practical and lasting benefit it should be carried on at public expense and under the direction of the school department.

Yours respectfully,

MARY P. HOLDEN,  
Chairman of Educational Committee

#### CONCLUSION.

While I am deeply conscious of much that I should like to have seen done during the year for the improvement of our schools that it has not been possible to accomplish, I am reassured by the feeling that the work in general shows a degree of progress that compares favorably with that of previous years.

In closing, I desire to express my appreciation of the continued confidence and support of the Committee in the discharge of my duties as Superintendent. Without such confidence and support successful work would hardly have been possible.

Respectfully submitted,

FRED H. NICKERSON,  
Superintendent of Schools.

April 6, 1906.



# APPENDIX.

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## MELROSE HIGH SCHOOL

### GRADUATING EXERCISES.

CLASS OF 1905.

CITY HALL, EVENING OF JUNE TWENTY-SIXTH AT EIGHT O'CLOCK.

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### PROGRAM.

INVOCATION,

REV. C. H. STACKPOLE.

"GYPSEY LIFE" ..... *Schumann*  
GLEE CLUB.

ADDRESS, "Non-Academic Education"

PROF. WILLIAM WALLACE FENN

"BON VOYAGE" ..... *Rich*  
GLEE CLUB.

AWARD OF PRIZES GIVEN BY THE FRANKLIN FRATERNITY.

HIS HONOR, MAYOR SIDNEY H. BUTTRICK.

"CROON, CROON" ..... *Rich*  
GLEE CLUB.

PRESENTATION OF DIPLOMAS,

WILLIAM D. STEWART  
Chairman of School Board.

"A GONDOLIER'S SONG" ..... *Hoffman*  
GLEE CLUB.

## CLASS OF 1905.

*"Vincit Qui Se Vincit"*

Ackerman, Florence Elizabeth	Johnson, Oscar Ludwig
Adams, Marietta Beatrice	Lawrence, George Leonard, Jr.
Barnes, Marion	Libby, Harold
Boutwell, Florence Mary	Loring, Alfred Robert
Brown, Flora Elizabeth	Loring, Mary Marguerite
Calkins, Charles Rendall	Lovejoy, Beatrice Margaret
Carleton, Guy Franklin	Merrill, Florence May
Clark, Egbert Greely	Merry, Augustus Bradford
Cleveland, Bert Leroy	Murray, Annie Belle
Cochrane, Albert Hayward	O'Brien, Esther Blanche
Copeland, Florence Elizabeth	Ormsby, Winslow Gilbert
Cooper, Florence Winifred Lewens	Pettengill, Russell Arthur
Curry, Florence	Post, Wilfred Witham
Davis, Bertha Street	Provandie, Wadsworth George
Day, Ethel Nellie	Reeder, Violette Lucille
Doherty, Mary Ellsworth	Roake, Claralu Vivien
Edwards, Agnes Bachelder	Sherman, Harold Frederick
Fernald, Franklin Merrill	Slade, Anne Canedy
Folger, George Arthur	Slade, Margaret Learned
Fonda, Reginald Benedict	Smith, Rufus Winslow, Jr.
Forrest, Louisa	Snow, Harry Eliote
Frederick, Martha	Spinney, Alice May Converse
Furlong, Robert Gould Shaw	Stevens, Helen A.
Gilbride, Howard Francis	Stone, William Henry
Goodridge, Annie M.	Torrey, Marion Evelyn
Gower, William Harrison	Twombly, Raymond Sidney
Grant, John Charles	Van Riper, Mabel Adele
Grundy, Elizabeth Mattie	Verge, Austin Leon
Harris, Edwin Andrews	Waltz, Myrtie Ada
Hines, Herbert Waldo	White, Edwin Conrad
Holmes, Mark Staples	White, Frank Clarence
Irving, Olive Willis	Whittredge, Elmer Putnam
Houghton, Olive Margaret	Willis, Luther George
Keen, Harold Leslie	Wilson, Charles Elmer, Jr.

## CLASS HONORS.

Ester Blanche O'Brien

Annie Mabel Murray

## HONOR LIST.

## CLASS OF 1905.

Herbert W. Hines

Alfred R. Loring

## CLASS OF 1906.

Ruth A. Baker  
Emily D. Lord

Helen W. Munyan  
Zelma I. Stone

## CLASS OF 1907.

Florence N. Folsom  
Hazel Holmes  
Harold G. Jenks  
Chester E. Kellogg  
Dora Perkins  
Helen A. Shapleigh

Dorothy E. Hodgkins  
Ruth P. Gilder  
Mildred Jenks  
Marion D. Lewis  
Alice Scribner  
Louise Sisson

Frances Spaulding

## CLASS OF 1908.

Marguerite Baker  
Helen K. Goss  
Agnes C. Johnson

Ralph W. Chadbourne  
Esta M. Farwell  
Kate Linfield

## MELROSE WOMAN'S CLUB HONORS.

Violette L. Reeder

Annie M. Goodridge

## FRANKLIN FRATERNITY PRIZES.

ENGLISH ( Senior Class )  
Wadsworth G. Provandie

ENGLISH ( Junior Class )  
Mabel A. Farnum.

ENGLISH ( Third Class )  
Stella W. Jones.

ENGLISH ( Fourth Class )  
Marguerite Baker.

ADVANCED GEOMETRY.  
Luther G. Willis.

ADVANCED ALGEBRA  
Ruth A. Baker.

GEOMETRY ( Third Class )  
Dorothy E. Hodgkins

ALGEBRA ( Fourth Class )  
Ralph W. Chadbourn  
Emily C. Gordon

PUPILS PROMOTED FROM THE NINTH GRADE TO THE HIGH  
SCHOOL, JUNE, 1905.

Abbott, Alfred Clinton	*DeCecca, Elizabeth Theresa
*Adams, Annie Louise	*DeMar, Mabel Florence
*Anderton, Herbert	Dickinson, Edith Marguerite
*Ansell, Ruth Barker	*Dodge, Robert Lewis
*Axford, Maude Locket	*Doherty, Mary Alice
*Badger, Louise Goodrich	*Drown, Edna Viola
*Bagley, Ralph E.	*Duffee, Mary
Barber, Harold Thomas	*Duren, Edith Hamilton
*Barnes, Phineas	*Dutton, Doris
Bartlett, Nelson Andrew	*Dyer, Annie Henrietta
*Beard, Marion L.	Fahy, John Francis
*Beckford, Bertha Alfreda	Fallon, Reuben John
*Beeler, Myrton	Faust, Alice
*Benson, Frances Haviland	*Fitchett, Ruth L.
Beshong, Gertrude Goss	*Fletcher, Ruth
Bishop, George Edward	*Flett, Pauline Telma
*Bolton, Arthur William	*Ford, Alice Edith
*Boyd, Marion Gordon	*Foster, Frank Irving
*Bradford, John Whitmore	*Frost, Randall Heywood
*Brown, Anna Theresa	*Furieux, Edna Arline
*Brown, Mae Anna	*Gibbons, Arthur
*Buttrick, Sidney Homer, Jr.	*Gilman, Helen
*Calkins, Harold	*Gould, Rose Mills
*Cargill, Alice Frances	*Gower, Helen Bartlett
*Carruthers, John	*Hanson, Donald Rea
*Casey, Julia Agnes	*Hartford, Cornelia Ann
*Castle, Mildred	*Haven, Ethel C.
*Chapman, Walter Francis	*Henderson, Margaret
*Cheissong, Ella Frances	*Hill, Charles C.
Church, Ethel May	*Hogan, Phebe Evelyn
*Clare, Lawrence	*Holden, Ruth Parsons
*Clare, Marion Tourville	*Hornby, Lilla May
*Clark, Everett William	*Horner, Halsey Boardman
*Cleveland, Ralph Almstead	*Howard, Bessie Jeannette
*Clisbee, Avery Howard	*Howard, Ruby Viola
*Colman, Beatrice Annie	*Howie, Gordon G.
*Copeland, Everett David	*Hoyt, Lawrence Brackett
*Copeland, Gladys	Ide, Katherine Maud
*Corse, Madeline May	*Jenkins, Mary Rose
*Creedon, Gertrude T.	*Jones, Dettmar Wentworth
*Cronin, Thomas Patrick	*Jones, Edna Sibley
*Curry, Ethel	*Johnson, Etta Mabel
Davison, May	*Keeney, Raymond E.

- \*Keiran, Alice Mary
- Kelliher, Mary Winnifred
- \*Kelso, Hugh
- Kilb, Gerald Francis
- Kilb, Marion Katherine
- \*King, Leona Nettie
- \*Kingston, Ralph Waldo
- \*Kinney, Ralph M.
- \*Kirk, George Harry
- Lamb, Albert Edwin
- \*Lang, Florence Louise
- \*Lavender, John A.
- \*Leisk, Harriette Marie
- \*Lewis, Ida Belle
- \*Lord, Herbert Alverdo
- \*Lovell, Doris
- \*Lutz, Brenton
- \*Lynde, Harold Alvin
- \*MacBride, Esther Louise
- Maxwell, Edith Mae
- \*McAnanny, James Raymond
- \*McCarrick, Edwin Lawrence
- \*McDaniel, James Sewall, Jr.
- \*McDonald, Chipman
- \*McGregor, Bertie Phare
- \*McGuinness, May Lauretta
- \*McKeil, Bertha
- \*McKinnon, Flora Louise
- \*McKinnon, Royal Harland
- \*McLain, Chester Alden
- Meade, Marguerite Josephine
- \*Meegan, Agnes T.
- \*Mitchell, Wm. Howard
- Moreland, Hazel Kirk
- \*Murphy, Julia Mary
- \*Nickerson, Paul Sumner
- \*Norton, Lucie C.
- Nye, Grace L.
- Palin, Bernice
- \*Palmer, Albert H.
- \*Paul, Howard Chandler
- \*Pendleton, Marion E.
- \*Perkins, Tom C.
- \*Poor, Mildred Ashton
- \*Prince, Sydney Carlton
- \*Putnam, Claude Adams
- \*Quimby, Earl Calno
- \*Rendall, Mary Louise
- \*Riley, Francis Augustus
- \*Roberts, Ethel Agnes
- \*Roberts, Raymond M.
- \*Sanford, Ethel Field
- \*Sansom, Grace Annie
- \*Scanlan, Nellie Monica
- \*Scott, Laura Amelia
- Selfridge, Earle M.
- \*Shumway, Carl Elliott
- \*Simpson, Esther Emeline
- \*Smith, Anna Durkee
- \*Smith, Gertrude Isabell
- \*Smith, Harold Edward
- \*Stantial, Ralph Owens
- Stapleton, Charles Louis
- \*Stillman, Fred Otis
- \*Stone, Reba Madeline
- \*Sullivan, Edith Stowell
- \*Swan, Florence May
- \*Taylor, Julia Bernardette
- \*Thurber, Maud R.
- \*Thurston, Elizabeth
- \*Towle, Frank Elliott,
- \*Upham, Gertrude
- \*Wardwell, Gardner
- \*Webber, Lyle Kerr
- \*Wentworth, Benning Lewis
- \*Williams, Helen M.
- \*Winship, Kendall
- \*Woolford, Mason Hundley
- \*Young, Oliver Moore

# ORGANIZATION OF THE SCHOOL STAFF.

December 31, 1905.

## *Superintendent of Schools,*

FRED H. NICKERSON, 77 Upham Street.

*Superintendent's Clerk,* ROSETTA M. PENDLETON, 179 Trenton Street.

## CORPS OF TEACHERS.

### HIGH SCHOOL.

NAME	GRADE	WHERE EDUCATED	WHEN ELECTED
Wm. C. Whiting	Principal	Dartmouth College	1899
Alonzo G. Whitman	Principal Emeritus	Bowdoin College	1874
George A. Hutchins	Sub-master	Bates College	1901
Kenneth Beal	English Department	Dartmouth College	1902
C. Ross Appler	Business Department	Drexel Inst., Philadelphia, Pa.	1905
J. Thacher Sears	English, Algebra	Harvard University	1903
Adelma A. Ballou	Latin	Dean Academy	1887
Harriet C. Fairbanks	Algebra, Latin	Natick High School	1880
Harriet G. Ricker	French	Lapham Institute	1884
Jennette Moulton	English, Greek	Wellesley College	1899
Lillian A. Bolster	French, German	Partial Course Harvard & Chicago Univs.	1904
Sara Fisher	Steography	Smith College	1900
Clara A. Snell	English, Mathematics	Bates College	1904
Christine D. Ross	Modern Language Dept.	Partial Course, Elgin Academy, Scotland	1904
Mary I. Bourne	History Department	Vassar College and Brown College	1905
Mary W. Kingsley	History, English	Tufts College and Byrn Mavr.	1905



## FRANKLIN SCHOOL, COR. FRANKLIN AND MAIN STREETS.

NAME	GRADE	WHERE EDUCATED	WHEN ELECTED
Alton C. Churbuck	Principal	Bridgewater Normal School	1907
Rose D. Lanphear	IX	Boston University	1903
Linnie M. DeMeritt	VIII	New Hampton Institute	1904
Lillian G. Runnells	VIII	Bridgewater Normal School	1905
Louise G. White	VII	Salem Normal School	1895
Lydia Page Foss	VII	Colby College, Boston University	1905
Grace L. Pomeroy	VI	New Haven (Conn.) Normal School	1905
Nora P. Nason	VI	Gorham (Me.) Normal School	1899
Alma J. Guptill	V	Girls' High School, Boston	1884
Evelyn A. Pike	V	Newburyport Training School	1904

## WASHINGTON SCHOOL, COR. LEBANON AND LYNDE STREETS.

Eva R. Crane	Principal	Coburn Classical Institute	1899
M. Blanche Fogg	IX	Boston University	1904
Mabel A. Burlingham	VIII	Providence (R. I.) Normal School	1905
Etta J. Call	VI	Ellsworth (Kan.) Normal Institute	1890
Edith M. Maxwell	V	Farmington (Me.) Normal School	1902
Mary L. Loring	IV	Salem Normal School	1897
Mary Corcoran	III	Salem Normal School	1905
Mary E. Tupper	II	Framingham Normal School	1892
Mary A. Bailey	I	Miss Wheelock's Kind. Train. Class	1896
Helen M. Hocking	I	Miss Wheelock's Kind. Train. Class	1904

## LINCOLN SCHOOL, WYOMING AVENUE.

NAME	GRADE	WHERE EDUCATED	WHEN ELECTED
Augustus O. Burke	Principal	Bridgewater Normal School	1898
Edith S. Blake	IX	Bates College	1903
Grace M. Carpenter	IX	Boston University	1905
Alice G. Drake	VIII	Salem Normal School	1904
Marguerite E. Hill	VII	Bridgewater Normal School	1905
Mary S. Haley	VI	Framingham Normal School	1901
Mary R. Clarke	V	Franklin Academy	1894
Harriet H. Dowe	IV	Mt. Holyoke College	1894
Harriet A. Saunders	III	Malden High School	1898
Jeannette A. Doane	II	Templeton High School	1895
Grace A. Lynde	I	Miss Page's Kindergarten Class	1897
Grace C. Albee	I	Wellesley College	1898

## D. W. GOOCH SCHOOL, COR. FOSTER AND FLORENCE STREETS.

Augustus O. Burke	Principal	Bridgewater Normal School	1898
Lydia Mendum	VIII	Salem Normal School	1874
Harriet E. Benson	VII	Gorham (Me.) Normal School	1902
Edith A. Maxwell	VI	Farmington (Me.) Normal School	1905
Alice H. Long	V	Boston Normal School	1877
Minnie C. Snow	IV	Orono (Me.) High School	1892
Annie P. Long	III	Melrose High School	1894
Amelia F. Trowbridge	II	Melrose High School	1889
Mary E. Deans	I	Miss Wheelock's Kind. Train. Class	1902
Mabel Price	I	Miss Symonds' Kind. Train. Class	1897

## HORACE MANN SCHOOL, COR. GROVE AND MYRTLE STREETS.

NAME.	GRADE.	WHERE EDUCATED.	WHEN ELECTED.
Alice M. Swett	Principal VIII	Plymouth (N. H.) Normal School	1882
Mary S. Wentworth	Principal's Assistant	Wakefield (N. H.) Academy	1896
Marguerite Pierce	VII	Farmington (Me.) Normal School	1903
A. Louise McCormick	VI	Wheaton Seminary	1891
Martha Bartlett	V	Farmington (Me.) Normal School	1905
Anna M. Atkins	IV	Provincetown High School	1897
Nellie C. Dempsey	III	Salem Normal School	1891
Anastatia G. Riley	II	Salem Normal School	1898
Annie G. Balch	I	Wakefield High School	1900
Lillian M. Tufts	I	Miss Symonds' Kindergarten Class	1901

## MARY A. LIVERMORE SCHOOL, MAIN STREET.

Annie M. Washburn	Principal	Wellesley College	1900
Mary S. Wentworth	Principal's Ass't VII, VIII	Wakefield (N. H.) Academy	1896
Mabel G. Drake	VII	Framingham Normal School	1905
Bertha C. Hatch	VI	Gorham (Me.) Normal School	1904
Lucy E. Shute	V	Pinkerton Academy	1895

## JOSEPH WARREN SCHOOL, WARREN STREET.

Alice J. Coffin	Principal IV	Gorham (Me.) Normal School	1895
Helen L. Patten	III	Salem Normal School	1903
Ruth M. Knowles	II	Mt. Holyoke College	1894
Margaret E. Grady	I	Salem Normal School	1896
G. Rose McConnell	I	Miss Symonds' Kind. Train. School	1903

## WINTHROP SCHOOL, COR. ELEVENTH AND FIRST STREETS.

NAME	GRADE	WHERE EDUCATED	WHEN ELECTED
Edith S. Dermot	Principal IV	Framingham Normal School	1896
Annie Dinnie	III	Quincy Training School	1900
Mabel G. Gilbride	II	Quincy Training School	1900
Laura G. Lamprey	I	Newburyport Training School	1905
Jennie S. Prescott	I	Miss Symonds' Kinder. Train. Class	1903

## SEWALL SCHOOL, UPHAM STREET.

Etta M. Wilcox	Acting Principal III	Miss Page's Kind. Train. School	1905
Lena D. Marshall	IV	Salem Normal School	1900
Mary A. Chisholm	II	Salem Normal School	1896
Claribel P. Fisher	I	Gorham (Me.) Normal School	1905
Emma C. French	I	Miss Symonds' Kind. Class	1902

## WHITTIER SCHOOL, FRANKLIN STREET.

Alton C. Churbuck	Principal	Bridgewater Normal School	1905
Isabelle L. Atwood	IV	Robinson Seminary	1892
Katherine L. Locke	III	Newburyport Training School	1904
Gertrude B. Stewart	II	Melrose High School	1894
Annie M. Jenness	I	Freobel Kind. Train. School	1903
Marion P. Goodwin	I	Miss Symonds' Kindergarten Training Class	1901

## CONVERSE SCHOOL, FELLS.

Nellie W. Riley	I, II, III	Salem Normal School	1903
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# RIPLEY SCHOOL, SWAIN'S POND AVENUE.

Dora F. Whittredge .....I, II, III .....1903

## GENERAL ASSISTANT.

Olive M. Lermond .....Bridgewater Normal School .....1905

## JANITORS.

### NAME AND RESIDENCE

Charles J. Crichtett, 180 Whitman Avenue  
 George E. Fogg, 24 Stevens Place  
 James Fahey 62 School Street  
 John Hitchins, Waite Street  
 Samuel Lear, 931 Main Street  
 F. S. Boardman, 106 Grove Street  
 William P. Hunter, 5 Brazil Street  
 John Thying, 43 Winthrop Street  
 Archie McIlwraith, 5 Allen Place  
 Elmer P. Whittredge, 317 E. Foster Street

### SCHOOL

Livermore and Sewall  
 High .....  
 Warren and Whittier  
 Winthrop ..  
 Franklin  
 Washington  
 Converse  
 D. W Gooch, Horace Mann  
 Lincoln  
 Ripley

## ENGINEER IN HIGH SCHOOL.

Charles Brown, 50 Porter Street





ANNUAL REPORT

OF THE

BOARD OF HEALTH

OF THE

CITY OF MELROSE

FOR THE

YEAR ENDING JANUARY 31, 1906.

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MELROSE:

DUNTON PRINTING COMPANY

1906

# Report of the Board of Health.

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TO THE HONORABLE MAYOR AND BOARD OF ALDERMEN, CITY  
OF MELROSE.

GENTLEMEN:—The board of health respectfully submits herewith the annual report for the year ending December 31, 1905.

## MEMBERSHIP.

The vacancy in the membership of the board caused by the resignation of G. Houston Smith, Esq., was filled by the appointment of Arthur A. Hayden, Esq., the two other members, viz.: Dr. Clarence P. Holden and Mr. E. L. Grundy continuing as during the previous year.

## ORGANIZATION.

The present organization is Clarence P. Holden, M. D., Chairman, Miss Grace A. Colby, clerk; Mr. John T. Barker, Inspector of Plumbing and Sanitary Inspector; Dr. F. P. Sturges, V. S., Inspector of Animals and Food Products; W. S. Briry, Ph., G., Inspector of Milk and Vinegar; Dr. M. J. Dalton and Dr. R. R. Stratton, Medical Inspectors of Schools.

## MEETINGS.

The board has held regular meetings every Tuesday evening and special meetings when the work of the board required the same.

## REGULATIONS.

There has been one change in the regulations during the year. Sec. 1, Chap. 1, of the Rules and Regulations was amended as follows, viz. By adding the words "Cerebro-spinal meningitis" after the word "tuberculosis" in the sixth line, the effect of this amendment being to class cerebro-spinal meningitis as a disease to be reported to the board of health.

## CONTAGIOUS DISEASES.

The year has been a constant fight with scarlet fever with a total of sixty-one cases. The first group of fifteen cases in the early part of the year could not be traced to any common source of infection. The second group of cases, mostly in June and July were very mild, in many cases no physician was called, and in some cases the disease was so mild as to have entirely escaped notice. In many cases the rash was supposed to have been caused by the brown tail moth which was so prevalent at this time. The third group of cases, beginning in November and continuing through December, presented one fact of interest in that out of nineteen cases eighteen obtained milk from the same milkman. A thorough examination of the premises and the dairies involved did not disclose any history of sickness on the part of the employees whatsoever. The only probable source of the infection was that of milk bottles being taken from infected houses.

It was found that in two instances bottles had been taken from houses in quarantine with the approval of the attending physician. In other instances bottles were taken from placarded houses for some days before the men learned of the presence of a card on the house. In two other instances in cases which occurred in a neighboring town near the Melrose line, the houses were not placarded by the board of health although notice had been given by the attending physician.

The most obvious lesson drawn from this experience was, first to ascertain in every case of the more serious communicable diseases the milk supply. Second, to give immediate notice to

the milkmen of the presence of a case of communicable disease at the house of one of his customers. Third, to send a type-written notice to the householder of a house in quarantine that milk cans or other receptacles for milk must not be taken from the house while under quarantine.

The efficiency of isolation and quarantine is often gauged by the number of known secondary cases. There were ten of these during the year and in every instance the secondary cases were in the same family. In one instance the second case probably resulted in the too early discharge of the first case. In two other cases the first case was so mild as not to have been recognized. It may not be out of place to call attention here to the fact that mild cases of scarlet fever present one of the most difficult problems ever presented to the board of health in the performance of their duties in the suppression of contagious diseases.

The epidemic of measles, beginning in November 1904, reached its height during January when there had been reported 308 cases. Numerous instances coming to the board of health of failure on the part of householders and some physicians to report their cases, notice was published in the Free Press that in future failure would be followed by prosecution. The effect seemed apparent in the fact that during February the number of reported cases fell to 84 and during March to 32, with 28 in April, practically closing the epidemic, although some cases were reported in the subsequent three months. This epidemic consisting of a total of 450 cases was virtually ended in four months although the schools remained still in session. In 1901 and 1902 there were reported 513 cases which continued epidemic for eight months. During the last epidemic there occurred seven deaths. This is more than from any other contagious disease, in fact from all others except tuberculosis. For the first time since 1899 there were no deaths from diphtheria nor were there any deaths during the year from typhoid fever and only fourteen cases reported to the board of health. In 1895 there were four deaths reported from typhoid fever which probably means that there were from forty to fifty cases of the disease in that year.

Since the general sanitation of a community is determined

largely by the number of cases of typhoid fever it seems that Melrose may congratulate herself.

#### CONSUMPTION.

The usual number of deaths from consumption were reported during the year. It is somewhat gratifying that a larger number of cases were reported by the physicians than in any previous year although the reports are very far from what they should be. During the year the board circulated through the schools 3000 copies of a circular obtained from the Boston Association for the Relief of Tuberculosis with an addendum by the local board, giving in brief what the board desires in cases of consumption. During the latter part of the year an exhibition of immense importance and interest was given under the auspices of the State Board of Health in Boston. One of the most striking illustrations of the exhibition was how a room in a tenement might be made into a perfectly safe and cheerful place for a consumptive, simply by removing rugs and draperies which hold filth and may convey infection. The abominable cotton lined comforter was exchanged for washable blankets. The white enameled furniture, two chairs, a table and bed, a light washable paper upon the walls, white-washed ceiling, bare floors and white cotton window curtains was a remarkable effective object lesson. If one was disheartened by the great fatality of advanced cases of consumption certainly patients and their friends should be cheered by the large number of cures in the earlier stages.

#### SORE EYES OF INFANTS.

At the last session of the legislature an act was passed requiring all cases of sore eyes in an infant under two weeks of age to be reported to the board of health. This act is unique from the fact that it not only places upon the board of health the responsibility of determining the nature of the disease but also that of the treatment of the case. In this connection the following notice was published and a notice sent to physicians and nurses informing them that the board was prepared to make the necessary cultures as required for the determination of these cases.



"The attention of all parents and others is respectfully called to Chapter 251 of the Acts of 1905. Under this act, 'Should one or both eyes of an infant become inflamed, swollen and red and show any unnatural discharge at any time within two weeks after its birth, it shall be the duty of the nurse, relative or other attendant having charge of such infant to report in writing within six hours thereafter to the Board of Health of the city or town in which the parents of the infant reside, the fact that such inflammation, swelling and redness of the eyes and unnatural discharge exist.'" The Act further provides for a penalty of a fine of not more than \$100 for failure on the part of the nurse, relative or other attendant so to report. Attention is also called to the regulations of the Board of Health requiring the householder to report any case of consumption in his household.

Per order of Board of Health,

CLARENCE P. HOLDEN, Chairman.

#### ISOLATION HOSPITAL.

The hospital was open 246 days during the year 1905, caring for 16 patients. There were no fatalities. It is the judgment of the board that the Isolation Hospital was of immense value in the care of contagious diseases during the year. It may be looked upon as a sort of insurance for the rest of the community which is to be measured largely for its general protection and not wholly by the comparatively few cases that it cares for. It has been the policy of the board to care for all cases when in the opinion of the attending physician the case could not be properly isolated at home. It has also been the policy of the board to take care of as many cases as possible at the hospital when the mother of a family was the sole nurse. Another class of cases that should be cared for at the hospital are those where more than one family occupy a house and the family or families not having any cases are subject to the annoyances and expense of quarantine.

#### MEDICAL INSPECTION OF SCHOOLS.

With the beginning of the school year in September the board of health began a regular medical inspection of the schools of the city. The number of cases of communicable diseases discovered in the schools and excluded therefrom is as follows, viz: Impetigo contagiosa, 7; scabies, 7; ring-worm, 11; pediculosis, 11;



offensive discharge from the ear, 2; ophthalmia, 1; chicken pox, 2; scarlet fever, 1; mumps, 3. Of this number, nineteen cases were treated at the office of the board of health, some of them several times.

#### VACCINATION.

Fifteen successful vaccinations were performed at the office and 120 certificates of vaccination issued. The board continues to receive vaccination virus from the State Board of Health. It is received fresh as required and its use gives much satisfaction, not only in the successful results of vaccination but in the absence of all untoward effects.

#### BACTERIOLOGY.

Culture tubes for the diagnosis of diphtheria have been sent to the State Board of Health as heretofore. In a few cases when there was necessity of a speedy report Dr. Stratton has been employed to do the work. Antitoxine has been distributed as heretofore freely to all requesting it. It is the judgment of the board that a more general use of antoxine for purposes of immunization of persons exposed to infection is wise. Sputum cups to collect sputum for examination in suspected cases of tuberculosis and slides for specimens of blood for tests for malaria and typhoid fever have been furnished to physicians as in previous years. During the coming year the board hopes to have all or a great part of the bacteriological work done in this office.

#### DISINFECTION.

The board has disinfected with formaldehyde gas for the following diseases, viz:

Premises disinfected for	
Tuberculosis .....	25
Diphtheria .....	25
Scarlet Fever .....	69
Measles .....	7
Typhoid Fever .....	1
Cancer .....	4

Hospitals.....	2
Schoolrooms .....	44
Hacks .....	17
Books, number of times.....	10
Other disinfections .....	4
Total .....	208

## LICENSES AND PERMITS ISSUED IN 1905.

To hawkers and peddlers .....	43
To keep swine .....	2
To keep cows .....	39
To maintain dumps.....	0
To build cesspools .....	6
To build privy vaults .....	0
To clean privy vaults .....	10
To clean cesspools .....	43
For a stable for more than 4 horses .....	1
To sell milk from stores .....	32
To sell milk from wagons .....	31

Undertakers licensed:— Mr. and Mrs. Fred T. Churchill, Albert J. Walton, S. W. Harvey, Ansel B. Pierce & Son, John H. Gately, Richard Philpot, J. Herbert Bunce and Robert L. Carton.

## NEW SEWERS.

Public sewers were constructed in Sewall Woods road and Goodyear avenue. The construction of the sewer in Goodyear avenue was especially gratifying to the board of health as it provided for the care of the sewage from the very large number of people employed in Factory No. 2 of the Boston Rubber Shoe Co. The board renews the recommendation of last year that that portion of East Foster street east of Larrabee street should be provided with a public sewer. It renews its recommendation also that a public sewer be constructed in Brazil street.

## BOARDING HOUSES FOR INFANTS.

The board has examined the premises of all persons licensed by the State Board of Charity to maintain boarding houses for infants and have approved the following licenses, viz: Mrs. Anna M. Pratt, Swain's Pond avenue; Mrs. Clara S. Manley, 335 E. Foster street; Mrs. M. R. Hitchins, 6 Waitt street; Mary Francis Johnson, 431 Swain's Pond avenue; Mrs. W. J. Kercher, 30 Swain's Pond avenue; Mary B. Earl, 23 Swain's Pond avenue, and Mrs. Russell, Swain's Pond avenue.

## PUBLIC CONVENIENCE STATIONS.

In this connection the board respectfully refers to the following recommendation in their annual report for the year 1904.

The board earnestly recommends the necessity for the immediate construction of public convenience stations in Melrose. Not less than three are required, one at the center, one at the Highlands, and one in the Wyoming district being imperatively needed.

## COLLECTION OF GARBAGE.

The collection of garbage during the year has been done by contract by Richmond F. Hudson. There have been but very few complaints received at the office of the board of health and on the whole the service has been satisfactory. On December 2, 1905, after being duly advertised, the following proposals for the collection of swill and garbage for the years 1906 and 1907 were received, viz.:

Robert Philpot .....	\$1800	per year
R. F. Hudson .....	1200	"
Thomas Higgins .....	1150	"
Geo. W. Higgins .....	1044	"
H. W. Pattee .....	1024.80	"

H. W. Pattee, being the lowest bidder, was awarded the contract, and on December 28, 1905 the contract was duly executed.

## NUISANCES.

The following is a list of nuisances abated by order of the board of health or its agent during the year. Also in parallel column nuisances during the year 1904.

	1904	1905
Privy nuisances .....	6	6
Privies abolished .....	5	8
Cesspool nuisances .....	18	23
Cesspools abolished .....	15	77
Premises connected with sewer by order of board of health .....	15	17
Hen nuisances .....	6	2
Dumping nuisances .....	2	12
Dumping garbage .....	1	1
Uncleanly premises .....	9	9
Premises vacated on account of filth .....	1	0
Pig nuisances .....	1	1
Defective plumbing .....	1	1
Leaks in water pipes .....	1	0
Order to build cesspools .....	1	0
Permit to build cesspools .....	1	6
No cause for complaint .....	12	9
Stable nuisances .....	0	2
Goat nuisances .....	0	1
Scanty water supply .....	0	1
Rubbish in stream .....	0	1
Dogs kept in cellar .....	0	1
No water supply for closets .....	0	2

In this connection it is interesting to compare the list of nuisances abated by the board of health in 1900, calling special attention to nuisances on premises, cesspools and privy nuisances.

## NUISANCES ABATED IN 1900.

Manure exposed .....	8
Nuisances on land and premises .....	34
Emptying cesspools on land .....	6
House drainage flowing on land .....	6
House drainage flowing into cellars .....	3
Cesspool nuisances .....	78
Cesspool order to build larger .....	14

Privy nuisances .....	96
Order to build larger vault .....	16
Filthy premises .....	17
Filthy premises ordered vacated .....	4
Use of water closets without water .....	5
Animals and hens in dwellings and cellars .....	5
Keeping pigs without permit .....	3
Changes ordered in unsanitary plumbing .....	26
Sewer connections by order of board .....	69

## BAKERIES.

The reports of the sanitary inspector show that the general condition of the bakeries in the city as to cleanliness is good.

## SPITTING REGULATIONS.

During the month of February the board had printed upon cards 14 x 16 in. the following Notice:

"SEC. 14, CHAP. 6. Regulations of the Board of Health. Spitting upon the floors of public buildings and of railroad cars is hereby forbidden, and officers in charge or control of all such buildings and cars shall keep posted permanently in each public building and in each railroad car a sufficient number of notices forbidding spitting upon the floors, and janitors of buildings and conductors of cars shall call attention of all violators of this section to such notice. Penalty, a fine not to exceed twenty (20) dollars. Per order of the Board of Health,

CLARENCE P. HOLDEN, M. D., Chairman."

Janitors when questioned have unanimously testified to the good effect of this notice.



## STATISTICS OF MORTALITY AND MORBIDITY.

TABLE I.

CONTAGIOUS DISEASES REPORTED TO THE BOARD OF HEALTH IN 1905.

Diseases.	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Total
Chicken pox.....	4	13	5	2	0	0	0	0	0	0	10	7	41
Diphtheria .....	0	1	4	0	1	0	3	5	4	5	6	1	30
Scarlet fever .....	4	3	6	0	3	9	16	1	1	1	2	13	59
Measles .....	308	79	31	28	9	1	1	0	0	0	0	2	459
Typhoid fever .....	1	0	0	1	0	0	2	2	0	6	2	0	14
Tuberculosis .....	1	2	3	0	1	0	0	0	0	1	1	2	11
Whooping cough .....	0	0	1	0	0	0	0	0	0	0	0	0	1
Mumps .....	0	0	0	0	0	0	0	0	0	0	0	0	0
Cerebro-spinal meningitis.....	0	0	0	1	0	0	0	0	0	0	0	0	1

TABLE II.

CONTAGIOUS DISEASES SINCE 1890.

Diseases.	1890	91	92	93	94	95	96	97	98	99	1900	01	02	03	04	05
Scarlet fever .....	36	27	59	93	32	33	25	23	20	19	38	33	23	26	23	59
Diphtheria .....	17	52	18	15	31	41	19	16	5	8	44	52	35	41	19	30
Typhoid fever .....	..	..	..	..	..	..	9	3	0	13	19	17	12	10	11	14
Chicken pox .....	..	..	..	..	..	..	..	..	..	..	..	3	4	5	18	41
Whooping Cough .....	..	..	..	..	..	..	..	..	..	..	..	2	30	22	13	1
Measles .....	..	..	..	..	..	..	..	..	..	..	..	467	75	32	76	459
Small pox .....	..	..	..	..	..	..	..	..	..	1	..	..	9	1	..	..
Tuberculosis .....	..	..	..	..	..	..	..	..	..	..	..	..	1	1	4	11



TABLE III.  
MORTALITY FROM PRINCIPAL DISEASES SINCE 1890.

Diseases.	1890	91	92	93	94	95	96	97	98	99	1900	01	02	03	04	05
Diphtheria .....	1	8	2	3	10	6	2	2	0	0	5	3	2	1	2	0
Scarlet fever .....	0	0	3	5	1	2	1	0	1	1	3	0	1	1	0	1
Typhoid fever .....	0	3	6	0	5	4	2	2	1	6	1	4	1	1	1	0
Consumption .....	15	11	19	19	20	13	24	20	24	16	20	17	18	18	20	20
Pneumonia .....	10	13	9	17	20	7	9	23	12	19	14	6	16	16	18	8
Heart disease .....	9	12	15	12	26	14	22	19	20	18	27	21	30	17	29	37
Old age .....	2	8	9	8	8	5	11	6	11	9	9	6	4	8	6	2
Cancer .....	4	8	6	3	9	2	5	6	12	11	10	11	12	10	14	20

## MORTALITY FOR 1905.

Total number of deaths from all causes, (exclusive of still births) .....	209
Number of still births .....	10

## DEATHS BY SEXES.

(Still births excluded.)

Number of deaths of males .....	91
Number of deaths of females .....	118
Number of deaths of females .....	118

## DEATHS BY AGES.

(Still births excluded.)

Deaths of Persons.	Total	Males	Females
Under one year .....	23	15	8
From one two to years .....	6	4	2
From two to three years .....	1	0	1
From three to four years .....	1	0	1
From four to five years .....	2	1	1
From five to ten years .....	3	1	2
From ten to fifteen years .....	4	3	1
From fifteen to twenty years .....	7	4	3
From twenty to thirty years .....	17	9	8
From thirty to forty years .....	20	8	12
From forty to fifty years .....	12	4	8
From fifty to sixty years .....	23	11	12
From sixty to seventy years .....	36	16	20
From seventy to eighty .....	25	8	17
Over eighty years .....	29	7	22
Total .....	209	91	118

## DEATHS BY MONTHS.

(Still births excluded.)

Deaths in	Deaths in
January .....	19
February .....	10
March .....	24
April .....	15
May .....	15
June .....	21
July .....	14
August .....	15
September .....	19
October .....	20
November .....	20
December .....	17

## CAUSES OF DEATH.

(Still births excluded.)

Deaths from		Deaths from	
Phthisis or consumption	20	Pneumonia	8
Small pox	0	Bronchitis	5
Measles	5	Diseases of the heart	37
Scarlet fever	1	Diseases of the brain and spinal	
Diphtheria and croup	0	cord	24
Whooping cough	0	Diseases of kidneys	16
Influenza	1	Cancer	20
Cholera Infantum	2	Suicide	2
Diarrhoe and cholera-morbus	5	Homicide	1
Accident	7		
Deaths from unknown or ill-defined causes	2		
Deaths from all other causes	54		
Total	209		

The above list includes residents of Melrose dying out of town and 11 non-residents dying in Melrose. Excluding these 11 non-residents would leave a total of 198 deaths in Melrose in 1905, and taking 14,559 as the present estimated population, makes the death rate 13.59 per 1,000,

The board presents the following financial statement for the year ending January 31, 1906.

## CONTINGENT ACCOUNT.

Appropriation	\$625.00
Balance from 1904	.21
Receipts	70.79
Total	\$696.00

## Expended for

Disinfection .....	\$269.39
Stationery and postage .....	32.06
Printing .....	57.10
Telephone .....	49.93
Extra clerical .....	8.00
Office furnishings .....	27.93
Bacteriology .....	55.88
Burial of dead animals .....	40.00
Dump signs .....	11.29
Work on dumps .....	21.90
Milk inspection .....	26.26
Incidentals .....	77.56

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 \$677.30

To balance .....	18.70
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\$696.00

## SALARIES.

Appropriation .....	\$1,000.00
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## Expended for

Plumbing inspection .....	\$650.00
Sanitary inspection .....	150.00
Clerical service .....	200.00

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 \$1,000.00

## MEDICAL INSPECTION OF SCHOOLS.

Appropriation .....	\$150.00
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Expended .....	\$137.40
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Balance .....	12.60
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\$150.00

## REMOVAL OF GARBAGE.

Appropriation .....	\$1,100 .00	
Special appropriation .....	15 .59	
	<hr/>	
		\$1,115 .59
Expended .....		1,115 .59

## CONTAGIOUS DISEASES.

Total appropriations .....	\$1,335 .00	
Receipts from State, municipalities and individuals .....	457 .13	
	<hr/>	
Total .....		\$1,792 .13

## Expended for

State board of health, old bill .....	\$7 .00
Food at hospital .....	351 .07
Food outside .....	12 .88
Board outside .....	12 .00
Medicine for patients .....	33 .30
Medical supplies .....	6 .10
Other hospital supplies .....	26 .93
Fuel .....	35 .51
Nurses .....	477 .00
Matron .....	122 .00
Janitor .....	325 .50
Transportation of nurses and pa- tients .....	48 .50
Carriages .....	58 .75
Telephone .....	25 .00
Repairs at hospital .....	68 .52
Medical services at hospital .....	162 .00
Medical services outside .....	20 .00
Balance .....	.07

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\$1,792 .13

The total sum expended in the care of contagious cases is \$1,792.06. There has been reimbursed during the financial year \$457.13. Since the end of the financial year there has been reimbursed to the city \$175.58 and there is now due \$365.68, making a total of \$998.39, leaving as the net cost to the City of Melrose for contagious diseases, \$793.67.

CLARENCE P. HOLDEN.

EDMUND L. GRUNDY.

ARTHUR A. HAYDEN.



# Report of Inspector of Milk and Vinegar.

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TO THE HONORABLE BOARD OF HEALTH.

GENTLEMEN:— It is gratifying to state that in the past year our milk examinations show a higher percentage of cream fats and solids than in any of the four previous years. The samples average from 2-10 to 5-10% higher than in the previous year. Only a few of the samples taken have been found to be below the standard required by law and these only slightly. One dairy that was supplying a local dealer was dropped for selling milk below the standard and this milk does not come to the city now. Most of our milkmen are desirous of having the best milk to be had, and our people are fortunate in having a large number of good dairies near, which supply a large part of our milk.

Consumers are requested at any time to notify the inspector of poor quality of milk with the view of preserving the high standard of milk sold within the city. The number of persons and firms engaged in selling milk is a few less than last year, and each year the larger milk contractors are growing larger and the smaller dealers less. It is my desire that the office of the milk inspector may be brought up to a standard with the larger cities, which will require some expenditure of money but will pay for itself many times by what it may save the people.

Our vinegar supply is good, very little poor vinegar being found in Melrose.

WILLIAM S. BRIRY,  
Inspector of Milk and Vinegar.

## Report of Inspector of Animals and Food Products.

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TO THE BOARD OF HEALTH, CITY OF MELROSE.

GENTLEMEN:— I send you herewith the annual report of work done by me during the year 1905.

Forty places were inspected where were kept 109 cows. All barns as a rule were in good shape with the exception of a few poorly ventilated ones. Nine hundred and seventy-five slaughtered pigs were inspected. Two cases of suspected glanders were examined and found free from infection.

Respectfully submitted,

F. P. STURGES,  
Inspector of Animals and Food Products

# Report of the Inspector of Plumbing.

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January 1, 1906.

TO THE HONORABLE BOARD OF HEALTH, CITY OF MELROSE,  
Mass.

GENTLEMEN:— I respectfully submit the following report for  
the year of 1905.

Number of applications received .....	257
Number of permits granted .....	257
Number of new houses connected with the sewer ...	17
Number of new houses connected with cesspools ...	3
Number of old houses connected with sewer .....	82
Number of stables connected with sewer .....	1

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Total number of sewer connections .....	103
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Total number of additions, alterations and repairs ..	156
Water closets installed .....	96
Sinks " .....	57
Wash basins " .....	62
Bath tubs " .....	53
Wash tubs " .....	50
Urinals " .....	1
Horse stalls .....	3
Drinking fountains .....	1
New traps in cases of repairs .....	11

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Total number of fixtures .....	334
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Respectfully,

JOHN T. BARKER,  
Inspector of Plumbing.

## Report of Board of Examiners of Plumbers.

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January 1, 1906.

TO THE HONORABLE BOARD OF HEALTH, CITY OF MELROSE,  
MASS.

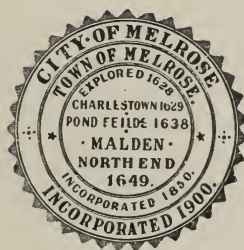
GENTLEMEN:— As clerk of the board of Examiners of Plumbers I respectfully submit the following report for the year ending December 31, 1905.

The board has examined five applicants for journeyman plumbers' licenses. Four of this number passed examination satisfactorily.

Respectfully yours,

JOHN T. BARKER.

FIFTH ANNUAL REPORT  
OF THE  
Trustees of the Public Library  
OF THE  
City of Melrose  
1905



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MELROSE :  
DUNTON PRINTING COMPANY

1906

THIRTY-SIXTH ANNUAL REPORT  
OF THE  
TRUSTEES OF THE MELROSE PUBLIC LIBRARY  
FOR THE YEAR 1905.

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TO HIS HONOR THE MAYOR, CHARLES J. BARTON, AND THE  
HONORABLE BOARD OF ALDERMEN.

GENTLEMEN:—The Trustees of the Melrose Public Library present their report for the year 1905.

We are glad to report a steadily increasing use of the library, as evidenced by the growing circulation of books and the large number of persons, both children and adults, who are daily present in the reading rooms.

During the year 64,944 volumes have been issued, a much larger number than ever before in the history of the library in a similar time. We have now 16,193 books on the shelves, 696 having been added since the last report. Included in these are many books of reference, several valuable illustrated volumes, a large addition of books for the department of history and a long list for the children's room.

The juveniles have been separated from the main collection, removed to the children's room and are in process of being catalogued. In September the age at which children can become patrons was changed from twelve to ten, which proved a most popular proceeding. The room is in charge of our assistant librarian, who reports a large and constant attendance and an increasing amount of intelligent reference work in connection with school studies. The pictorial bulletins illustrating the national holidays and the birthdays of noted persons have been continued; they are valuable additions to this part of the library work beside enhancing the attractiveness of the room.



A loan library has been established in the High School for the use of students, that they may have more free and convenient access to the books used in connection with the curriculum of the school.

That the library may become more and more a definite practical help in the education of our children is the aim of your trustees.

The percentage of fiction has again dropped from 76.07 to 72.84 per cent. with a corresponding gain in the other departments, chiefly in magazine, and history and travels. The rest show a small increase from last year.

It is a pleasure to note this evidence of the growing interest of our readers in substantial and profitable reading. A rise in the standard of the demand of patrons marks a corresponding growth in the influence of a public library in a community.

Exhibits of the Library Art Club provided by the generosity of Mrs. Charles C. Barry have been continued through the year and have been highly instructive and entertaining. We have had also at different times in the upper hall which is easily arranged as a studio, three exhibitions of paintings, by Mr. Henneman, Miss Andrews, and Miss Baker. The favor with which these were received by the public and the number of visitors in attendance encourage further effort in this direction, and we plan other exhibitions to be held later.

A large and attractive oak cabinet for the reception of articles of historic interest has been placed in the historic and art room by Faneuil Hall Chapter, Daughters of the American Revolution. This is a permanent loan and contains a fine collection of relics of the last century, many of them of Revolutionary interest.

The Library of Sacred Art to be established as a memorial for Mrs. Livermore has collected eight hundred dollars and will complete the required amount in another year.

We gratefully record the reception of several gifts for the library. From Mr. John W. Farwell two volumes "Bostonian Society Publications," and thirty-four volumes comprising "Records of the Early History of Boston;" from Miss Charles twenty-two books for the children's room; and from other friends fourteen miscellaneous volumes in single donations which

are noted in the librarian's report. Mrs. Ackerman presented a large palm for the decoration of the historic and art room; we have received from Miss Andrews a charming painting, "An Old Well at Arles, Brittany," and from Mr. E. L. Coy an autograph copy of the hymn "America."

As in former years we again express our appreciation of the services of our librarian and her assistants. Always courteous, attentive and faithful, they invest their duties with an atmosphere of friendliness, the happy opposite of the purely official manner which often characterizes public service. The care of the building by the janitor has been equally commendable and satisfactory.

The expenses of the library, despite careful supervision, are constantly increasing. Many of our departments should be enlarged if the work of the library is to be continued in a progressive manner. More work calls for an increase of salaries, which is only just. Books are flimsily bound and the wear of constant circulation necessitates frequent rebinding. In the ordinary care of the building and grounds much money is required. The granolithic sidewalk recently laid should be supplemented by a substantial fence between our lot and those of adjacent property owners on Lake avenue. The abutters have signified their willingness to assume half the necessary expense of this improvement.

We therefore ask as desirable for the continued work of the library, the unexpended balance of last year's appropriation, the sum of \$3,200 and the dog-tax.

Respectfully submitted,

ANNA T. BUSH, Secretary.

CHARLES C. BARRY,  
ELBRIDGE H. GOSS,  
EDWARD M. MUNYAN,  
NEIL A. DIVVER,  
MARY L. CHARLES  
ANNA T. BUSH,

Trustees

REPORT OF THE TREASURER OF THE LIBRARY  
FUNDS FOR YEAR ENDING DECEMBER 31, 1905.

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WM. EMERSON BARRETT FUND.

Cr.

By amount on hand Jan. 1, 1905 . . . . .	\$82.35	
By interest from Melrose Savings Bank . . . . .	2.88	
	<hr/>	\$85.23

Dr.

To balance to new account . . . . .	\$85.23
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HORATIO NELSON PERKINS FUND.

Cr.

By amount on hand Jan. 1, 1905 . . . . .	\$600.30	
By interest from Melrose Savings Bank . . . . .	21.17	
	<hr/>	\$621.47

Dr.

To amount paid Virtue & Co., bill . . . . .	\$96.00	
To balance to new account . . . . .	525.47	
	<hr/>	\$621.47

WILLIAM BAILEY FUND.

Cr.

By amount on hand Jan. 1, 1905 . . . . .	\$2,980.80	
By interest from Melrose Savings Bank . . . . .	30.78	
By interest from City of Melrose note . . . . .	100.22	
	<hr/>	
Amount carried forward . . . . .		\$3,111.80

Amount brought forward ..... \$3,111.80

Dr.

To amounts paid

E. B. Hall & Co., bills .....	\$51.00
DeWolf, Fiske & Co. ....	75.62
Consolidated Press .....	22.50
C. E. Lauriat Co. ....	40.60
W. B. Clark Co. ....	69.03
Geo. H. Walker & Co. ....	15.00
Massachusetts Historical Society ....	3.00

\$276.75

Balance to new account ..... 2,835.05

\$3,111.80

#### CATALOGUE FUND.

Cr.

Amount on hand Jan. 1, 1905 .....	\$192.14
Interest from Melrose Savings Bank ....	3.24
Refund from City Treasurer .....	2.24
Received from Librarian for fines .....	153.22

\$350.84

Dr.

To amounts paid

H. W. Wilson Co., bills .....	\$3.00
George Watson .....	46.35
S. G. Potter .....	28.90
N. E. Tel. & Tel. Co. ....	24.00
Eastman's Express .....	3.35
F. J. Barnard .....	61.04
Library Bureau .....	50.00
Sundry expenses at Library .....	65.47

\$282.11

Balance to new account ..... 68.73

\$350.84

EDWARD M. MUNYAN,  
Treasurer.

## STATISTICS FOR 1905.

Number of volumes in the library Jan. 1, 1905 . . . . .	15,586
Number of volumes purchased in 1905 . . . . .	572
Number of volumes donated in 1905 . . . . .	90
Number of magazines bound in 1905 . . . . .	34
	<hr/> 696
	<hr/> 16,282
Number of volumes worn out . . . . .	89
	<hr/>
Number of volumes in the library Jan. 1, 1906 . . . . .	16,193
Number of cards issued in 1905 . . . . .	1,486
Number of students' cards issued in 1905 . . . . .	273
Number of teachers' cards issued in 1905 . . . . .	55
Number of volumes replaced in 1905 . . . . .	224
Number of volumes rebound in 1905 . . . . .	876
Number of days the library was open . . . . .	293

## CIRCULATION.

Largest number of books issued in one day . . . . .	527
Smallest number of books issued in one day (stormy) . . . . .	71
Largest number of books issued in one month . . . . .	7,002
Smallest number of books issued in one month . . . . .	4,641
Average daily use . . . . .	222
Books brought from library for use in reading room . . . . .	523
Total number of books issued in 1905 . . . . .	64,934

		Per cent.
Fiction and Juvenile . . . . .	47,291	72.84
History and Travels . . . . .	3,374	5.19
Science and Art . . . . .	2,700	4.16
Biography . . . . .	1,343	2.07
Literature . . . . .	2,855	4.39
Poetry and Drama . . . . .	889	1.37
Magazines . . . . .	6,482	9.98
	<hr/> 64,934	<hr/> 100.00

## DONATIONS—BOOKS.

Acts and Resolves of Mass., State . . . . .	1
Annual Report of Commissioner of Education, State . . . . .	2
Ancient Middlesex with Biographical Sketches, Mr. L. S. Gould . . . . .	1
A Bit Bookie of Verse, D. M. Henderson . . . . .	1
Benjamin Franklin Papers, Library of Congress . . . . .	1
Bostonian Society Publications, Mr. John W. Farwell . . . . .	2
Earthly Problems in Heavenly Light, J. Reed and C. Hay . . . . .	1
Genealogical Gleanings in England, Mr. H. F. Waters . . . . .	2
History of the Fifth Mass. Battery, State . . . . .	1
In Memory of Elisha Slade Converse, Malden Pub. Library . . . . .	1
Jesus and the Prophets, Mr. C. S. Macfarland . . . . .	1
John Chambers and His Ministry in Phila., W. E. Griffis . . . . .	1
Journals of the Department of Mass. G. A. R., Mr. E. P. Preble . . . . .	1
Life More Abundant, Henry Wood, Lee & Shepard . . . . .	1
Malden Medford and Melrose vs. Commonwealth of Mass., State . . . . .	7
Mass. Soldiers and Sailors of the Revolutionary War, Vol. 13, State . . . . .	1
Odd Fellowship, Mr. C. C. Garey . . . . .	1
Official Records of the Union and Confederate Navies, Mr. E. M. Roberts . . . . .	1
Poems of Wilfred Campbell, Mr. Andrew Carnegie . . . . .	1
Primer of Forestry, State . . . . .	1
Seventh-day Adventism Renounced, W. B. Court . . . . .	1
Supplementary Papers of the Am. School in Rome, Mr. John C. Gray . . . . .	1
Record of Court of Assistants of Colony of Mass. Bay, Mr. John C. Gray . . . . .	2
Records Relating to the Early History of Boston, Mr. John W. Farwell . . . . .	34
Two Hundred and Sixty-sixth Record of the A. & H. Artillery Co., Col. S. M. Hedge . . . . .	1
Miss M. L. Charles donated the following books:	
Baylor, F. C. A Georgian Bungalow . . . . .	1
Bennett, J. Master Skylark . . . . .	1



Brooks, E. S.	Century Book of the Am. Revolution . . .	1
Brooks, E. S.	Master of the Strong Hearts . . . . .	1
Brooks, N.	Story of Marco Polo . . . . .	1
Beard, J. C.	Curious Homes and Their Tenants . . . . .	1
Boden, C. H.	Wonder Stories from Herodotus . . . . .	1
Carrington, E.	Animal Ways and Claims . . . . .	1
Carrington, E.	Wonderful Tools . . . . .	1
Creighton, L.	First History of France . . . . .	1
French, A.	We All . . . . .	1
Grimm.	Fairy Tales . . . . .	1
Hill, C. F.	Fighting a Fire . . . . .	1
Lamb, C.	Adventures of Ulysses . . . . .	1
Larned, J. U.	History of England . . . . .	1
Macleod.	King Arthur and His Knights . . . . .	1
Martineau, H.	Crofton Boys . . . . .	1
Neol, M.	Buz: Adventures of a Honey Bee . . . . .	1
Repplier, A.	Book of Famous Verse . . . . .	1
Ruskin, J.	King of the Golden River . . . . .	1
Thackeray.	The Rose and the Ring . . . . .	1
Vaile, C. M.	The M. M. C. Story of the Great Rockies . . .	1

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## DONATIONS—PAMPHLETS.

Annual Report of the	Boston Children's Friend Society . .	1
	Hatch Experiment Station of Mass.	
	Agricultural College . . . . .	1
	Indian Rights Association . . . . .	1
	Lake Mohonk Conference . . . . .	1
	Public Reservation . . . . .	1
	State Board of Charity . . . . .	1
	Abbot Public Library, Marblehead	1
	Beverly Public Library . . . . .	1
	Bigelow Public Library, Clinton . . .	1
	Boston Public Library . . . . .	1
	Brookline Public Library . . . . .	1
	Concord Public Library . . . . .	1
	Erie Public Library, Erie, Pa. . . . .	1

Annual Report of the Enoch Pratt Free Public Library,	
Baltimore .....	1
Fitz Public Library, Chelsea .....	1
Forbes Public Library, Northamp-	
ton .....	1
Fall River Public Library .....	1
Hyde Park Public Library .....	1
Leicester Public Library .....	1
Manchester Public Library, N. H.	1
Malden Public Library .....	1
Mercantile Public Library, St.	
Louis, Mo. ....	1
Newton Public Library .....	1
Northampton Public Library ....	1
Peabody Institute, Danvers .....	1
Peabody Institute, Peabody .....	1
Philadelphia Free Library, Phila.	
Penn. ....	1
Providence Public Library, R. I. ....	1
Salem Public Library .....	1
Shute Public Library, Everett .....	1
Syracuse Public Library, New York	1
Wakefield Public Library .....	1
Watertown Public Library .....	1
Westborough Public Library .....	1
West Brookfield Public Library ....	1
Weymouth Public Library .....	1
Bulletin of the Hartford Public Library .....	4
Helena Public Library, Montana .....	2
Institute of Technology .....	1
Philadelphia Free Library .....	1
Peabody Institute .....	2
Somerville Public Library .....	1
Co-operation among local Historical Societies .....	1
Journal of Prison Discipline and Philanthropy .....	1
Observations Among the Sioux .....	1
Two States .....	1

## PRESENTED.

Fern .....	Mrs. P. H. Akerman
Hymn, America .....	Mr. E. L. Coy
Old Well at Arles .....	Miss Harriet N. Andrews
Art Album, 5 volumes .....	Mr. George M. Hall

## PERIODICALS IN THE READING ROOM.

Amateur Work  
 American Boy  
 American Inventor  
 American Monthly Review of Reviews  
 American Primary Teacher  
 Arena The  
 Art Interchange  
 Atlantic Monthly Magazine, 3 Copies  
 Bird and Nature  
 Bird Lore  
 Bookman  
 Cassell's Little Folks  
 Century Magazine, 3 Copies  
 Chautauquan Magazine  
 Christian Science Journal, First Church of Christ, Malden  
 Christian Science Sentinel, First Church of Christ, Malden  
 Cosmopolitan The  
 Country Life in America  
 Craftsman  
 Engineering  
 Everybody's Magazine  
 Forest and Stream  
 Forum  
 Gartenlaube  
 Good Government, Miss Mary L. Charles  
 Good Housekeeping  
 Harper's Magazine, 3 Copies  
 Harper's Bazar  
 Harper's Weekly  
 Home Science Magazine  
 International Studio

Kindergarten Review  
Ladies' Home Journal  
Library Journal  
Life  
Lippincott Magazine  
Literary Digest  
Littell's Living Age  
London Illustrated News  
McClure's Magazine  
Magazine of History  
Millgate Monthly, Captain T. Connor  
Munsey's Magazine  
Musician, The  
Nation  
National Magazine  
Nautilus Magazine, Elizabeth Towne, Ed.  
New England Magazine, 2 Copies  
New England Homestead  
New Thought, New Thought Pub. Co.  
North American Review  
Outing Magazine  
Outlook, The  
Overland Magazine  
Photo-Miniature  
Pitman's Shorthand Weekly, Captain T. Connor  
Popular Science Monthly  
Public Libraries  
Saturday Evening Post  
Scientific American  
Scientific American Architect and Builder  
Scientific American Supplement  
Scribner's Magazine, 3 Copies  
Search-Light  
St. Nicholas  
Strand Magazine  
Success  
Technical World  
Unity Magazine  
World's Work  
Youth's Companion

PAPERS IN THE READING ROOM.

Chicago Inter-Ocean  
Cincinnati Gazette  
Melrose Journal, Mr. Chas. H. Adams  
Melrose Reporter, Mr. A. W. Dunton  
Melrose Free Press, Mr. S. G. Potter  
New York Tribune  
Pilot  
Springfield Republican  
Tufts Weekly

CARRIE M. WORTHEN,  
Librarian

## Report of the Chief of Police.

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TO HIS HONOR THE MAYOR OF THE CITY OF MELROSE.

DEAR SIR:— I have the honor to submit for your inspection and consideration the annual report of the Department of Police for the fiscal year ending January 31, 1906.

### FINANCIAL STANDING.

Appropriation for Chief and Regular Officers . . . .	\$11,065.00
Expended . . . . .	11,046.70
Balance . . . . .	\$18.30
Appropriation for Special Work and Vacations . . .	\$935.00
Expended . . . . .	831.63
Balance . . . . .	\$103.37
Appropriation for Contingent . . . . .	\$583.06
Expended . . . . .	576.94
Balance . . . . .	\$6.12

Offences for which complaints have been brought before the Court.

Arrested for out of town officers . . . . .	9
Assault with dangerous weapon . . . . .	1
Assaults . . . . .	7
Breaking glass . . . . .	4
Breaking and entering and larceny . . . . .	12
Bastardy . . . . .	3
City ordinance . . . . .	2
Cruelty to animals . . . . .	1



Default warrants .....	3
Drunkenness .....	61
Destroying personal property .....	2
Fugitive from justice .....	1
Habitual truancy .....	2
Indecent exposure .....	1
Keeping boarding-house for infants without license .....	4
Disturbing the peace .....	36
Keeping unlicensed dog .....	1
Larceny from building .....	1
Larceny .....	12
Non support .....	3
Neglected children .....	4
Placing obstructions on R. R. track .....	3
Stubborn child .....	1
Stealing fruit .....	3
Search warrants .....	4
Stealing .....	1
Threats .....	2
Truancy .....	2
Vagrants .....	1
Insane taken to the Danvers Hospital .....	6

## MISCELLANEOUS REPORT.

Accidents reported .....	2
Arc lights reported out .....	31
Bicycles found and returned .....	6
Board of Health notices delivered .....	21
Cases investigated .....	111
Doors found open and secured .....	52
Defects in street reported .....	21
Defects in sidewalk reported .....	12
Dogs killed .....	16
Dead bodies removed .....	1
Disturbances suppressed .....	42
Dogs found and returned to owners .....	3
Dwelling houses found open .....	4
Electric wires reported down .....	20

Electric poles reported down .....	2
Fire alarms answered .....	43
Fire alarms given .....	13
Fires put out without an alarm .....	5
Gas leaks reported .....	14
Horses shot .....	2
Leaks in water pipes reported .....	29
Lanterns hung in dangerous places .....	22
Lost children taken home .....	9
Notices delivered .....	1030
Obstructions in street removed .....	7
Persons assisted home .....	17
Property found and returned to owner, \$69.00	
Persons brought to station and examined .....	10
Property found outside of stores, \$25.00	
Runaway horses stopped .....	2
Small lights (electric) reported out .....	220
Stray horses put up .....	8
Taken to hospital without ambulance .....	3
Summonses delivered .....	38
Wagon calls answered .....	80
Persons arrested for drunkenness and released under the provisions of Chapter 384, Acts of 1905 .....	20

In conclusion I wish to tender my thanks to the retiring Mayor for his kind assistance, also to all the members of the department for the cheerful way in which they have performed their duties, also any extra work they have been asked to do the past year.

Respectfully Submitted,

FRANK M. McLAUGHLIN,  
Chief of Police.

## AMBULANCE REPORT FOR 1905.

There was to the credit of the Ambulance	
Fund the first day of February, 1905,	
the sum of .....	\$44.05
Received during the year 1905, .....	120.85
	<hr/>
	\$164.90
Expenses during the year for horse hire and	
assistance .....	26.65
	<hr/>
Balance in fund February 1, 1906 .....	\$138.25

The use of the ambulance for our citizens and others still proves to be of great benefit. There have been one hundred and thirty-nine calls inside the city limits, and twenty-six calls outside the city, during the past year. There is due the city at the present time forty dollars (\$40.00). Some of this amount can not be collected on account of the financial conditions of the people; the work has been done mostly by the regular officers in transferring the sick and injured.

Respectfully submitted,

FRANK M. McLAUGHLIN,

Chief of Police.

# Report of Chief Engineer of Fire Department.

---

MELROSE, MASS., MARCH 1, 1906.

TO HIS HONOR THE MAYOR AND BOARD OF ALDERMEN.

GENTLEMEN:—In compliance with the requirements of the city ordinance I hereby present my annual report for the financial year ending January 31, 1905.

## ORGANIZATION.

The department consists of forty-six men as follows: Chief, first and second assistant engineers, seven permanent men and thirty-six call men.

## APPARATUS.

Consists of one steam fire engine, one hook and ladder truck, two hose wagons, one coal wagon, one spare hose wagon, one Beverly wagon, three double runner pungs, two sleds with reels and ten hand extinguishers, all of which need painting on varnishing.

## HORSES.

Of the nine horses in the department last year two had to be sold on account of lameness and sickness; the money for horses sold was turned into the city treasurer. Two horses will have to be purchased the present year.

## HOSE

This branch of the department is very important and the hose supply should be kept up to the needs of the department. I have recommended the purchase of hose to the amount of \$400.

## INSPECTION OF BUILDINGS AS CALLED FOR IN CHAPTER 17, SECTION 14.

All places where steam engines are used have been inspected the past year and found in good order. In houses where bad

chimneys have been found after a fire, they were reported to the Inspector of Buildings. In regard to store cellars most of them are found in good shape, and I have had no trouble getting the bad ones cleaned up when ordered to do so. The new chimneys and fire places have been inspected as fast as they have been brought to my notice by the Inspector of Buildings.

## FIRE ALARM.

This branch of the service has given good satisfaction the past year except in the way we get our power. I have asked that the motor in City Hall be transferred to the fire department and if that is done we shall have what power we need. One new box has been added the past year making a total of (44).

## FIRES.

There has been fifty-two bell alarms, seventy-five still alarms and four calls out of the city the past year, three calls to Wakefield and one all to Stoneham.

Value of buildings and contents endangered by fire,	\$90,850.00
Damage to buildings and contents	5,272.70
Insurance on buildings and contents	67,875.00
Insurance paid on buildings and contents	3,599.95
Total loss on buildings and contents	1,672.75

The very small damage by fire the past year is due very much to the prompt and quick arrival of the men and apparatus; if we had a chemical engine in the center the damage would be still less.

Value of Fire Alarm system	\$15,950.00
Value of personal property	12,000.00

Respectfully submitted,

JOSEPH EDWARDS,  
Chief of Department.

LIST OF OFFICERS AND MEN OF THE FIRE DEPARTMENT, MARCH 1, 1905.  
ENGINEERS FIRE DEPARTMENT.

Name.	Occupation.	Age.	Residence.	Admitted:
Chief Joseph Edwards	Carriage maker	54	612 Main	4, 1877
1st Asst. T. J. Hawkes	Barber	49	25 Russell	1, 1881
2d Asst. Frank H. Cheever	Clerk	32	894 Main	5, 1895

## ENGINE COMPANY NO. 1.

Capt. Chas. F. Woodward	Surveyor	36	39 Upham	2, 1890
Lieut. Walter M. Barrett	Painter	30	290 W. Emerson	6, 1897
Thomas B. Stantial	Carpenter	70	15 Winthrop	7, 1875
David R. Woodward	Carpenter	38	39 Upham	2, 1893
George A. Dean	Clerk	30	73 Essex	5, 1899
William B. Clark	Cutter	32	Argyle	1, 1902
Ernest F. Johnson	Painter	25	166 Green	1, 1903
Joseph W. Harris	Base ball	23	39 Willow	1, 1903
Dean T. Stockwell	Permanent man	44	11 Upham	3, 1891
Chas. W. Edwards	Permanent man	35	612 Main	1, 1892
Wm. H. Riley, Jr.	Permanent man	32	11 Felton place	2, 1897
Fred Mayman	Plumber	22	Upham	1, 1904

## HOOK AND LADDER CO. NO. 1.

Capt. Harry R. Norton	Clerk	46	27 E. Emerson	March 1, 1895
Lieut. Wm. A. Lynde		48	529 Lebanon	March 7, 1876
Wm. H. Stewart	Carpenter	55	36 Albion	June 6, 1873
Edward H. Carley	Carpenter	31	55 Dell avenue	June 6, 1889
Wm. J. Warren	Painter	39	187 Grove	Jan. 1, 1900
Frank J. Storey	Painter	40	School	Jan. 1, 1900
W. C. Sargent	Boston Coupling Co.	47	362 Washington	Dec. 1, 1901



Charles A. Page	39	41 Winthrop	1, 1902
Robert H. Whiddon	38	26 Winthrop	5, 1890
Henry S. Robertson	35	Lynde	7, 1878
Joseph S. Edwards	29	612 Main	5, 1904
Wm. Fahey	22	134 Lynde	7, 1903

## HOSE CO. NO. 3.

Capt. Wm. R. Holly	38	24 Sargent	3, 1899
Lieut. E. W. Mansfield	26	92 Melrose	1, 1899
George E. Burnham	40	276 E. Foster	5, 1899
Leverett D. Newhall	50	23 Ellsworth avenue	9, 1885
George L. Stewart	28	36 Albion	1, 1901
Richard Collins	22	22 Ellsworth avenue	1, 1905
Walter F. Churchill	30	Oakland	1, 1905
Herbert V. Adams	27	43 Albion	1, 1905
Will C. Godfrey	31	12 Highland avenue	1, 1905

## HOSE CO. NO. 4.

Capt. C. E. McKinnon	41	159 Laurel	1, 1890
Lieut. E. W. Russell	33	20 Harvard	1, 1894
Fred S. Boardman	29	106 Grove	1, 1900
Percy E. Cates	27	372 Grove	1, 1902
J. T. Foster	24		Nov. 1, 1903
Willis C. Russell	26	20 Harvard	1, 1902
Frank Gibbons	42	313 E. Foster	1, 1903
Frank C. Newman	39	284 E. Foster	1, 1898
A. L. Upham	52	253 First	1, 1883

STATEMENT OF FIRES AND ALARMS FOR THE YEAR ENDING  
JANUARY 31, 1906.

February 23; box 38; Cleveland street; owner, Francis Jewett; value of building and contents, \$3,000; damage, \$246.95; insurance, \$2,200; insurance paid, \$246.95.

February 26; box 38; Baxter street; owner, Enterprise Bank, East Boston; vacant; value of building and contents, \$2,775; damage, \$50; insurance, \$2,000; insurance paid, \$50.

February 27; box 67; Laurel street; owner, A. L. Winship; occupant, John Hazard; value of building and contents \$5,700; damage, \$189; insurance, \$4,000; insurance, paid, \$189.

March 5; still alarm; Rockland road;

March 15; still alarm; Rear Essex street; owner, A. Mac-lachlan; occupants, Perry and Rich;

March 23; box 38; Tappan street; owner and occupant, Patrick Kirvin; value of building and contents, \$2,300; damage, \$522; insurance, \$2,500; insurance paid, \$522.

March 28; box 51; off Franklin street; owner, Shepard; grass.

March 28; still alarm; Green street; woods.

March 29; box 27; Grove street; owner and occupant, Charles Boardman; value of building and contents, \$4,000; damage, \$17.50; insurance, \$3,000; insurance paid, \$17.50.

March 30; box 51; Howard place; owner, Godfry estate.

March 30; still alarm; Swain Pond avenue; grass.

March 31; still alarm; East street; grass.

March 31; six blows; Florence street woods.

March 31; still alarm; Florence street; grass.

March 31; box 34; Main street; fence fire.

March 31; eight blows; Perkins street; grass.

April 1; box 47; Upham street; grass.

April 1; still alarm; Brunswick park; grass.

April 1; still alarm; Gooch and First streets; grass.

April 1; eight blows; Summit street; grass.

April 1; still alarm; Myrtle street; fence.

April 1; still alarm; Orient avenue; grass.

April 1; still alarm; Tremont street; grass.

April 1; still alarm; Wavely avenue; grass.

April 1; still alarm; Circuit street; grass.

- April 1; seven blows; Swain's Pond avenue; woods.  
April 2; six blows; Sylvan street; woods.  
April 2; still alarm; Hayward avenue; woods.  
April 2; still alarm; Tremont street; grass.  
April 2; still alarm; Swain's Pond avenue; woods.  
April 2; box 13; Wakefield; grass.  
April 2; eight blows; Vinton street; grass.  
April 3; still alarm; Albion street; grass.  
April 3; still alarm; Laurel street; grass.  
April 3; still alarm; Henry avenue; grass.  
April 3; still alarm; Ferdinand street; grass.  
April 3; still alarm; Essex street; grass.  
April 3; still alarm; off Main street; owner, A. Lynde estate; woods.  
April 3; still alarm; Ashland street; grass.  
April 7; still alarm; Goss avenue; owner, McDonald; hen house.  
April 8; box 32; Waverly place; owner, B. Morse; occupant, A. Elliott.  
April 8; six blows; off Porter street; woods.  
April 8; still alarm; Wyoming avenue; owner, Blanchard; occupant, D. M. Hall.  
April 8; six blows; off Porter street; woods.  
April 10; six blows; Rider avenue; woods.  
April 10; still alarm; Sewall woods road; woods.  
April 10; still alarm; Mystic avenue; woods.  
April 10; box 68; Laurel street; grass.  
April 13; still alarm; Grove street; grass.  
April 15; still alarm; Rowe street; owner, Fred Putman; occupant, Cliff Hills.  
April 15; still alarm; Mrytle street; grass.  
April 15; box 49; off West Emerson street; woods.  
April 15; still alarm; Beach avenue; grass.  
April 15; still alarm; Grove street; grass.  
April 17; still alarm; off Brown street; woods.  
April 18; box 59; Woodland avenue; woods.  
April 19; still alarm; Lynde avenue; grass.  
April 19; box 27; Swain Pond avenue; woods.  
April 19; still alarm; Holland road; woods.

- April 19; still alarm; Youle street; woods.
- April 19; still alarm; Swain's Pond avenue; woods.
- April 19; six blows; Swain's Pond avenue; woods.
- April 20; box 48; Essex street; owner, Hawkins estate; occupant, F. Russo.
- April 20; box 59; Franklin street; owner and occupant, Mrs. Rice.
- April 21; box 32; Berwick street; occupant, Wyoming block.
- April 25; box 38; Baxter street; owner, Chester Patton; vacant; value of building and contents, \$2,775; damage, \$150; insurance, \$2,000; insurance paid, \$150.
- April 25; box 44; off Foster street; owner, H. A. Leonard; shed.
- April 26; still alarm; Grove street; grass.
- April 26; still alarm; Gooch and First streets; brush.
- April 30; still alarm; Warwick park; woods.
- May 1; still alarm; off Perkins street; woods.
- May 1; still alarm; Walton park; woods.
- May 1; still alarm; Walton park; woods.
- May 8; box 28; off Spear street; woods.
- May 8; still alarm; off Spear street; woods.
- May 11; still alarm; Myrtle street; grass.
- May 13; box 58; Vinton street; owner, Mrs. McKensie; vacant; value of building and contents, \$375; damage, \$65; insurance, \$375; insurance paid, \$65.
- May 21; still alarm; off Howard street; woods.
- May 21; still alarm; off Howard street; woods.
- May 24; still alarm; Ferdinand street; woods.
- May 24; box 21; Swain's Pond avenue; owner and occupant, Augustus Kucherer; value of building and contents, \$300; damage, \$15; insurance, \$300; insurance paid, \$15.
- May 25; Main street; owner, H. F. Ehlert; shed; value of building and contents, \$300; damage, \$15; insurance, \$200; insurance paid, \$15.
- May 26; box 68; off Waverly avenue; owner, Edward Stillman; hen house; value of building and contents, \$500; damage, \$500; no insurance.

May 27; box 38; Tappan street; owner, Lucey Brothers; occupant, John Lafave; value of building and contents, \$2,400; damage, \$30; insurance, \$2,000; insurance paid, \$30.

May 31; still alarm; Main street; owner, W. J. McCoubry; blacksmith shop; value of building and contents, \$2,000; damage, \$5; insurance, \$1,500; no insurance paid.

June 1; box 45; Upham street; owner and occupant, Louis Dow; value of building and contents, \$9,200; damage, \$113; insurance, \$4,000; insurance paid, \$113.

June 3; still alarm; Grove street; owner and occupant, A. H. Polk.

June 5; box 13; call for Wakefield, Hose 3.

June 3; still alarm; off Franklin street; owner, John Philpot; tar.

June 15; box 44; East Foster street; owner, S. A. Chisam; occupant, George E. Fuller.

June 19; box 51; Green street; owner, Charlotte Bowrie; occupant, George Bayne; value of building and contents, \$5,500; damage, \$52.75; insurance, \$4,000; insurance paid, \$37.57.

June 25; still alarm; Winthrop place; woods.

June 29; box 68; off Swain's Pond avenue; owner and occupant, Edward Higgins; value of building and contents, \$1,100; damage, \$1,100; insurance, \$300; insurance paid, \$300.

July 10; box 24; Mystic avenue; owner, Frank Pratt; occupant, Henry Holt; value of building and contents, \$2,500; damage, \$35; insurance, \$1,500; insurance paid, \$20.

July 18; Clifton park; owner, Charles Baker.

July 22; still alarm; Lynde avenue; woods.

July 25; still alarm; Tremont street; owner, Boston & Maine Railroad; bill board.

July 25; still alarm; Lynde avenue; woods.

July 26; still alarm; Ravine road; woods.

July 27; still alarm; West Emerson street; woods.

August 1; still alarm; Franklin street; brush.

August 20; still alarm; Foster street; owner city; bridge.

September 2; still alarm; Bellevue avenue; owner, George Woodman; occupant, W. B. Weber; value of building and contents, \$7,500; damage, \$320; insurance, \$6,000; insurance paid \$320.



September 16; still alarm; West Emerson street; owner, Dr. Raynes; vacant.

September 23; box 42; Rogers street; owner and occupant, John McLean; value of building and contents, \$3,500; damage, \$1,350; insurance, \$3,000; insurance paid \$1,050.

October 8; still alarm; Wyoming avenue; owner and occupant, George Gray.

October 18; owner, Boston & Maine Railroad; railroad ties.

October 21; box 45; Bellevue avenue; owner, George Woodman; occupant, W. B. Weber.

November 10; still alarm; Hillside avenue; owner and occupant, Frank Damon.

November 15; still alarm; Foster street; woods.

November 16; box 46; Green street; owner, Boston & Northern East Side R. R.; street R. R. car.

November 18; still alarm; Tremont street; owner, James Murry; vacant shed.

November 21; still alarm; Grundy street; grass.

November 22; still alarm; Porter street; grass.

November 22; box 51; Holbrook court; stable.

November 22; still alarm; Main street; owner, Methodist Church; grass.

November 22; still alarm; Elm street; grass.

November 24; still alarm; Burrell court; woods.

November 25; box 46; Green street; owner, Mrs. Poor estate; occupant, L. W. Williams.

November 27; still alarm; off Laurel street; grass.

November 25; still alarm; Pleasant street; grass.

November 28; still alarm; Green street; owner, W. H. Wells; old lumber.

December 1; still alarm; Foster street; grass.

December 5; still alarm; Main street; owner, Benson estate; occupant, A. C. Saunders.

December 10; box 42; Swain's Pond avenue; owner, J. Beshong; shed. Value of building and contents \$125; damage \$125; insurance, none.

December 22; still alarm; Sewall Woods road; owner and occupant, W. N. Folsom.



December 23; box 43; Main street; owner, W. Newhall; occupant, E. M. Clement; value of building and contents, \$22,500; damage, \$200; insurance, \$19,000; insurance paid, \$200.

December 25; box 41; Grove street; owner and occupant, E. W. Birdsall; value of building and contents, \$4,700; damage, \$116.50; insurance, \$4,000; insurance paid, \$116.50.

December 27; box 56; Ferdinand street; owner and occupant, Andrew Evers; value of building and contents, \$7,000; damage, \$180; insurance, \$6,000; insurance paid, \$180.

## Report of Inspector of Wires.

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MELROSE, February 1, 1906.

TO HIS HONOR THE MAYOR, C. J. BARTON.

DEAR SIR :— I have the honor to submit to you the report of the department of Inspector of Wires.

This office was created June 27, 1905 by his Honor S. H. Buttrick, Esq. It is an office required by law, and should be considered far more in the future than of late.

There should be a set of rules and regulations to govern the working of same.

The appointment should read Inspector of Poles and Wires. There should be either a salary or an appropriation to cover the expense of this department. The orders passed by the Board of Aldermen have all been looked after as far as possible up to the present date.

Some of the trouble that has been of long standing can only be up to the standard by making alterations in poles and locations, which will require possibly two working seasons to clean up and build a good, clean line. The Boston & Northern feed wires have been cared for, and as fast as any trouble is discovered it has been fixed up in the most improved way. The New England Tel. Co. are now at work on plans and are considering the best way to care for their wires passing through the trees, and will be well along on the work when spring arrives.

The Malden Light Co., which is the worst one of the lot, are at work and have had men all over the lines and have plans formed to clear the trees and protect them.

They may require one year or perhaps two years to get the lines in good shape. But they are making good progress.

Every building should be inspected and the location of every wire and cut out should be known by the inspector. This would give the City a record of the conditions of the same and would be a great benefit to the Fire Department.

The inspector should have sufficient time to look after new work that is done on highways and in the buildings, and see that the work is done in a proper manner, as a great deal of time, money and perhaps lives may be saved at a small expense to the City. In closing my report by thanking your Honor and Board of Aldermen, I hope for improvements in the future.

Yours,

R. H. WHIDDON,  
Inspector of Wires.

# Report of the Inspector of Buildings.

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January 1, 1906.

TO THE HONORABLE MAYOR AND THE HONORABLE BOARD  
OF ALDERMEN.

GENTLEMEN :— The sixth annual report of this department,  
shows a decided increase in building.

The following table shows the number of inspections made  
by this department, and the character of alterations ordered.

Inspection of buildings .....	195
Inspection of chimneys .....	38
Dangerous chimneys .....	9
Changes in furnace pipes .....	3
Changes in boilers .....	3
Fire escapes .....	3
Faulty fire-place construction .....	1

The following table shows the number of permits granted for  
each month of the year 1905.

January.....	3
February.....	5
March .....	16
April .....	16
May .....	16
June.....	21
July .....	9
August.....	25
September.....	7
October .....	12
November .....	14
December.....	3
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Total.....	147

The following table shows the number of permits granted in each ward, and the use for which they were intended.

Buildings.	Wards.							Totals.
	1	2	3	4	5	6	7	
Additions.....	11	20	5	9	7	10	4	66
Alterations and repairs .....	1	2	..	1	..	..	..	4
Carriage houses .....	..	..	..	..	..	..	..	..
Chimneys.....	..	..	..	..	..	..	..	..
Factories .....	..	..	..	..	..	..	1	1
Foundations .....	2	2	4	1	1	..	..	10
Stables .....	..	1	2	1	..	1	2	7
Store houses .....	3	4	1	3	3	2	7	23
Dwellings.....	2	7	7	2	..	3	4	25
Miscellaneous .....	1	4	..	3	1	2	..	11
	20	40	19	20	12	18	18	147

Amount of contingent .....	\$12.00
500 copies of fire district ordinance .....	2.50
Balance .....	\$9.50

In conclusion I wish to thank Hon. Mayor Buttrick and other departments for assistance rendered the past year.

Respectfully submitted,

W. A. GOODNO,  
Inspector of Buildings.

COST OF BUILDING

	Ward 1		Ward 2		Ward 3	
	New	Rep.	New	Rep.	New	Rep.
January .....		\$300			\$1,500	
February .....			\$40		6,500	
March .....		5,200	4,300	\$45	2,400	\$790
April .....		125		1,540		335
May .....		575	2,700	1,815	9,000	110
June .....	\$10,000	1,950		3,050		1,200
July .....			4,000	300		325
August .....	16,500	1,050	7,100	1,100		
September .....						250
October .....	3,800		1,800	200	1,600	
November .....	4,000			1,075	4,000	
December .....			4,200			
	\$34,300	\$9,200	\$24,140	\$9,125	\$25,000	\$3,010



## FOR THE YEAR 1905.

Ward 4		Ward 5		Ward 6		Ward 7		TOTALS	
New	Rep.	New	Rep.	New	Rep.	New	Rep.	New	Rep.
						\$2,600		\$4,100	\$300
	\$200				\$150			6,540	350
\$30	400		\$800		1,600	3,000	\$35	9,730	8,870
2,500	500		70		40	560		3,060	2,610
6,000	75				50	3,000	2,400	20,700	5,025
	700			\$3,500	65		350	13,500	7,315
	200		2,300		2,275		100	4,000	5,500
4,500		\$800	350	5,900	130	1,450		36,250	2,630
	75	150	800	2,750		1,000		3,900	1,125
	500		50	300	75	2,800		10,300	825
16,600			500			1,900	1,200	26,500	2,775
	4,500			8,000				12,200	4,500
\$29,630	\$7,150	\$950	\$4,870	\$20,450	\$4,385	\$16,310	\$4,085	\$150,780	\$41,825

# Report of the Sealer of Weights and Measures.

TO HIS HONOR THE MAYOR, CHARLES J. BARTON.

SIR :— I herewith respectfully submit the annual report of the sealer of weights and measures department for the year ending January 31, 1906.

## EXPENSES.

Salary from Feb. 1, 1905 to Feb. 1, 1906.....	\$400.00
Deering & Co., lumber.....	1.47
C. N. Worster, labor.....	2.50
A. W. Dunton & Co., printing.....	2.75
Posting sealer's notice.....	2.00
Malden Specialty Co., acid.....	8.50
Supplies for office.....	2.20
One set of minimum measures.....	23.35
Steel monogram stamps.....	4.65

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Total expenses from Feb. 1, '05 to Feb. 1, '06.....	\$447.42
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## RECEIPTS.

Total cash receipts.....	\$40.50
From Boston Rubber shoe Co., paid direct to Treasurer.....	2.56
Uncollected.....	.65

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Total receipts.....	\$43.71
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OPERATIONS OF THE DEPARTMENT FROM FEBRUARY 1, 1905  
TO FEBRUARY 1, 1906.

## SCALES.

Number of scales, 10 tons capacity tested.....	3
“ “ “ tested for City.....	1
“ “ “ 5,000 lbs. tested.....	1
“ “ “ portable platform tested.....	35
“ “ “ “ counter.....	13
“ “ “ spring balance “.....	52
“ “ “ trip tested.....	-4
“ “ “ counter balance tested.....	77

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Total number of scales tested.....	186
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REPORT OF SEALER OF WEIGHTS AND MEASURES. 141

Number of scales tested and found correct . . . . .	168
“ “ “ adjusted before sealing . . . . .	10
“ “ “ condemned . . . . .	2
“ “ “ tagged for repairs. . . . .	6
<hr/>	
Total. . . . .	186

WEIGHTS.

Number of weights tested and found correct . . . . .	486
“ “ “ “ “ “ light and adjusted . . . . .	29
Number of weights tested and found heavy and adjusted . . . . .	4
<hr/>	
Total weights tested . . . . .	519

DRY MEASURES.

Number of dry measures tested and found correct. . . . .	178
“ “ “ “ “ “ condemned . . . . .	11
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Total dry measures tested. . . . .	189

WET MEASURES.

Number of wet measures tested and found correct. . . . .	17,749
“ “ “ “ “ “ condemned . . . . .	705
<hr/>	
Total wet measures tested . . . . .	18,454

These wet measures include all glass milk jars

## SUMMARY OF OFFICE WORK.

Scales of all descriptions tested . . . . .	43
Weights tested . . . . .	114
Dry measures tested . . . . .	95
Wet measures tested . . . . .	18,454
Yard sticks tested . . . . .	16
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Total office work . . . . .	18,722

Yours respectfully,

WILLIAM L. PIERCE,

Sealer of Weights and Measures.

MELROSE, February 12, 1906.

# ASSESSORS' REPORT.

January 31, 1906.

HON. CHARLES J. BARTON, MAYOR OF THE CITY OF MELROSE.

DEAR SIR:— The Board of Assessors herewith submit their report for the year ending January 31, 1906.

## TAXABLE VALUATION OF THE CITY.

	PERSONAL	BUILDINGS	LAND	TOTEL R. E.
Ward 1,	\$137,150	\$1,169,000	\$751,675	\$1,920,675
Ward 2,	113,925	1,260,250	871,225	2,131,475
Ward 3,	160,050	1,117,275	828,975	1,946,250
Ward 4,	378,500	1,103,075	988,175	2,091,250
Ward 5,	385,400	1,290,400	754,450	2,044,850
Ward 6,	153,400	1,241,050	1,037,000	2,278,050
Ward 7,	61,950	839,100	614,300	1,453,400
	<hr/>	<hr/>	<hr/>	<hr/>
	\$1,390,375	\$8,020,150	\$5,845,800	\$13,865,950
Res. B'k St'k	73,370			
	<hr/>			
T't'l pers. est.	\$1,463,745			1,463,745
				<hr/>
Total taxable valuation, real and personal estate . .				\$15,329,695
Rate of taxation, \$18.00 per \$1,000.				

## APPROPRIATIONS.

State . . . . .	\$18,600.00
County . . . . .	15,272.57
Metropolitan Sewer . . . . .	12,077.04
Metropolitan Park . . . . .	5,922.31
Interest Loans and Sinking Fund . . . .	46,332.47
City Expenses . . . . .	180,712.11
Overlay . . . . .	5,488.01
	<hr/>
	\$284,404.51

Assessed on Real Estate .....	\$249,587.10
Assessed on Personal Estate.....	26,347.41
Assessed on 4,235 Polls .....	8,470.00
	<hr/>
	\$284,404.51

Assessed for street watering .....	\$4,912.73
Assessed for sidewalks .....	851.00

Number of resident individuals, firms, etc., as- sessed .....	2,058
Number of non-resident individuals, firms, etc., as- sessed .....	882
Number of persons assessed for poll tax only .....	3,312
Number of horses..... "	519
Number of cows..... "	76
Number of swine..... "	309

#### VALUE OF PROPERTY EXEMPT FROM TAXATION.

Houses of religious worship ..	\$325,000.00
Benevolent institutions .....	47,025.00
	<hr/>
	\$372,025.00

Under authority of Chapter 578, Section 7, of the Acts of 1898, an Excise Tax was assessed the Boston & Northern Street Railway for 10.048 miles of track, operated in the city, amount of .. \$1,182.43

Respectfully yours,

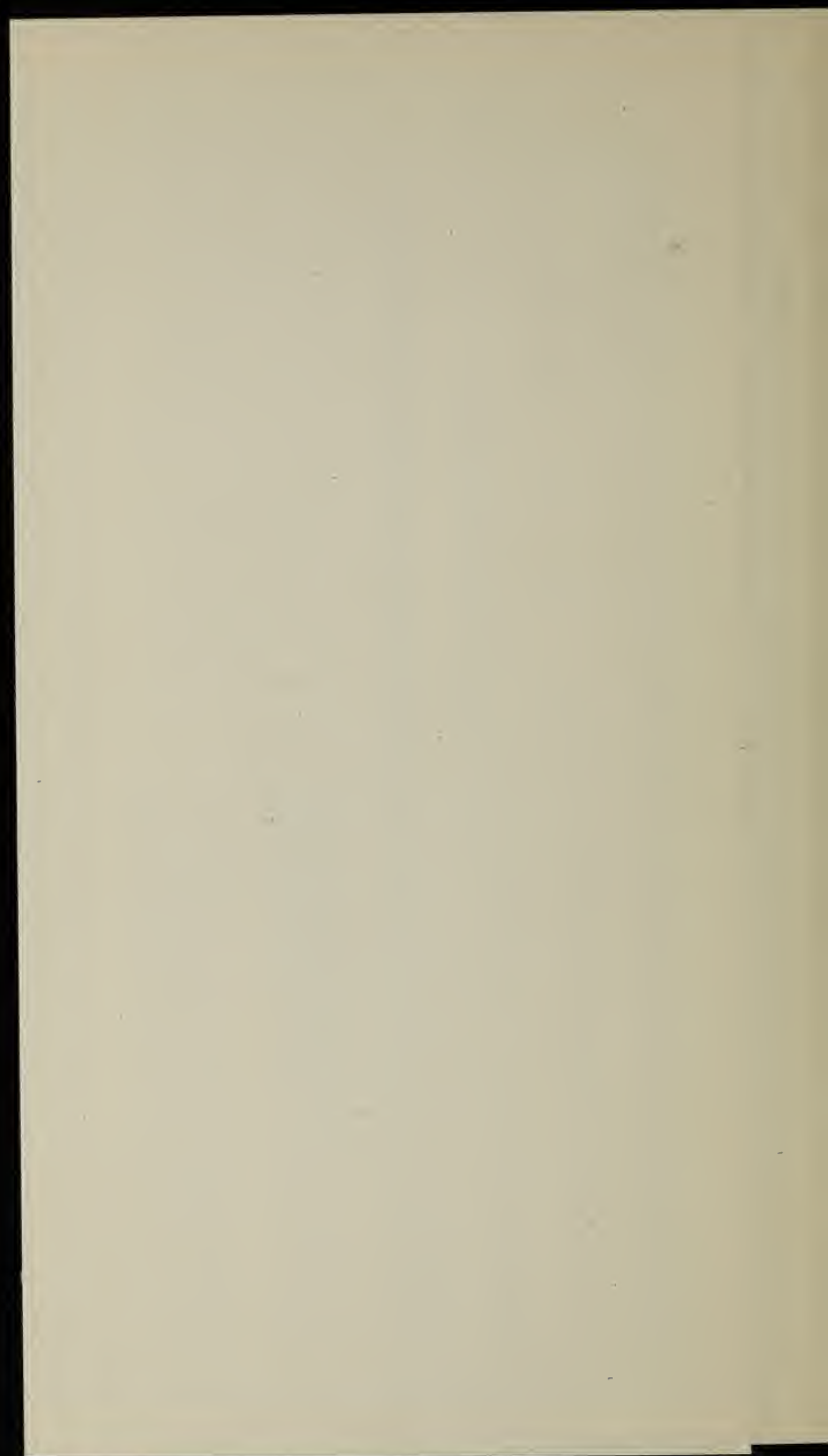
FRANK R. UPHAM,  
WILLIAM MORSS,  
L. F. HINCKLEY,  
Assessors.



Year.	Census.	Dwell- ings.	Polls.	Val. Bldgs.	Val. Land.	Total Value Real Est.	Val. Per- sonal Est.	Total Valuation	Rate per \$1000	Town Appropriation.	Sewerage Tax.	Park. Tax.	State Tax.	County Tax.	Overlay.	Total Tax Levy	Year
1850	1,260	125	317	.....	.....	\$423,497	\$59,949	\$483,446	\$4 40	\$1,472 10	.....	.....	.....	.....	.....	.....	1850
1851	.....	.....	335	.....	.....	547,974	73,894	621,868	5 50	3,729 17	.....	.....	.....	.....	.....	.....	1851
1852	.....	.....	350	.....	.....	576,542	74,927	651,469	6 50	4,150 00	.....	.....	.....	.....	.....	.....	1852
1853	.....	.....	420	.....	.....	800,538	97,139	897,677	7 80	6,850 00	.....	.....	\$270 00	505 09	108 14	7,733 23	1853
1854	.....	.....	496	.....	.....	906,794	117,631	1,024,425	8 50	8,550 00	.....	.....	270 00	527 40	270 14	9,617,54	1854
1855	1,976	361	523	.....	.....	1,021,712	124,785	1,146,497	8 30	9,200 00	.....	.....	405 00	527 40	353 09	10,485 49	1855
1856	2,206	.....	573	.....	.....	1,114,448	136,074	1,250,522	8 70	10,450 00	.....	.....	540 00	527 40	398 34	11,915 74	1856
1857	.....	.....	622	.....	.....	1,197,476	145,904	1,343,380	11 77	15,000 00	.....	.....	810 00	659 25	480 59	16,949 84	1857
1858	2,297	.....	567	.....	.....	1,165,224	121,883	1,287,107	7 20	9,100 00	.....	.....	324 00	570 06	350 40	10,344 46	1858
1859	2,431	.....	610	.....	.....	1,246,781	122,971	1,369,752	7 80	10,480 00	.....	.....	270 00	620 73	399 04	11,769 77	1859
1860	2,482	545	621	.....	.....	1,276,150	137,021	1,413,171	7 80	10,850 00	.....	.....	225 00	658 74	413 31	12,147 05	1860
1861	.....	496	618	.....	.....	1,288,066	134,755	1,422,820	9 50	11,960 00	.....	.....	483 00	1,403 15	500 00	14,346 15	1861
1862	.....	521	615	.....	.....	1,320,280	126,792	1,447,072	11 60	13,800 00	.....	.....	2,929 15	1,190 81	268 28	18,188 24	1862
1863	.....	523	659	.....	.....	1,334,643	161,186	1,495,829	15 80	19,125 00	.....	.....	3,864 00	1,190 81	880 00	25,059 81	1863
1864	.....	524	667	.....	.....	1,329,685	126,057	1,455,742	13 40	17,550 00	.....	.....	3,864 00	1,189 19	.....	21,150 87	1864
1865	2,866	550	714	.....	.....	1,366,485	311,369	1,677,854	15 70	17,800 00	.....	.....	8,413 00	1,298 01	516 33	28,027 34	1865
1866	.....	550	761	.....	.....	1,386,502	242,310	1,628,812	21 00	29,343 47	.....	.....	5,370 00	1,423 26	.....	36,136 73	1866
1867	.....	567	775	.....	.....	1,511,624	283,682	1,795,306	16 00	.....	.....	.....	8,950 00	1,594 05	.....	30,490 90	1867
1868	.....	586	825	.....	.....	1,608,974	365,042	1,974,016	17 00	28,950 00	.....	.....	3,580 00	1,650 98	1,365 55	35,546 53	1868
1869	.....	590	800	.....	.....	1,674,985	437,684	2,112,669	20 00	36,100 00	.....	.....	4,475 00	1,821 77	2,225 71	44,622 48	1869
1870	3,181	629	850	.....	.....	2,106,326	523,933	2,630,259	15 00	33,716 00	.....	.....	4,475 00	1,821 77	1,410 13	41,422 90	1870
1871	.....	665	881	.....	.....	2,408,241	404,515	2,812,756	15 00	37,570 00	.....	.....	4,475 00	1,821 77	87 00	43,953 77	1871
1872	.....	706	917	.....	.....	3,007,928	645,742	3,653,670	16 50	.....	.....	.....	3,660 00	2,122 32	.....	64,042 46	1872
1873	.....	742	967	.....	.....	3,234,658	409,249	3,643,907	15 50	51,325 00	.....	.....	4,117 50	2,345 72	627 04	58 415 26	1873
1874	.....	786	1,039	.....	.....	3,797,965	380,460	4,178,425	15 80	62,061 84	.....	.....	3,660 00	2,504 53	909 74	69,136 11	1874
1875	3,990	946	1,099	.....	.....	4,062,450	390,378	4,452,828	16 00	65,990 16	.....	.....	3,660 00	2,347 99	1,445 10	73,443 25	1875
1876	4,185	1,027	1,102	.....	.....	4,178,765	488,124	4,666,889	13 00	55,585 00	.....	.....	4,284 00	1,495 01	1,509 55	62,873 56	1876
1877	4,101	1,037	1,121	.....	.....	3,743,844	451,400	4,195,244	12 50	48,107 00	.....	.....	3,570 00	2,093 03	912 53	54,682 56	1877
1878	4,221	1,045	1,183	.....	.....	3,661,500	364,298	4,025,798	12 00	43,703 06	.....	.....	2,380 00	1,719 22	2,873 29	50,675 57	1878
1879	4,365	1,002	1,203	\$1,697,350	\$1,642,900	3,340,250	326,093	3,666,343	15 00	51,861 55	.....	.....	1,190 00	1,719 22	2,630 37	57,401 14	1879
1880	4,443	1,001	1,195	1,729,050	1,626,950	3,356,000	294,384	3,650,384	14 25	47,545 61	.....	.....	3,570 00	1,793 96	1,498 40	54,407 97	1880
1881	4,508	1,014	1,226	1,747,950	1,628,250	3,776,200	328,858	3,705,058	13 80	46,624 12	.....	.....	3,570 00	1,793 96	1,593 69	53,581 66	1881
1882	4,739	1,038	1,292	1,803,425	1,644,425	3,447,850	302,939	3,750,789	14 80	50,048 81	.....	.....	4,760 00	1,793 96	1,492 84	58,095 61	1882
1883	5,071	1,126	1,388	2,130,039	1,690,386	3,829,425	368,376	4,197,801	14 40	55,393 71	.....	.....	3,330 00	2,242 45	2,258 13	63,224 29	1883
1884	5,607	1,206	1,607	2,357,814	1,742,411	4,100,225	369,713	4,469,938	13 80	56,777 52	.....	.....	4,440 00	2,042 40	1,639 21	64,899 13	1884
1885	6,110	1,323	1,772	2,585,014	1,789,236	4,374,250	395,415	4,769,665	14 20	63,753 64	.....	.....	3,330 00	2,373 35	1,817 24	71,274 23	1885
1886	6,536	1,443	1,870	2,795,425	1,872,225	4,667,650	403,750	5,071,400	13 60	65,306 23	.....	.....	3,930 00	2,362 69	1,112 12	72,711 04	1886
1887	7,073	1,580	1,994	3,075,925	2,096,025	5,171,950	430,088	5,602,038	14 00	72,350 50	.....	.....	5,895 00	2,756 47	1,414 56	82,416 53	1887
1888	7,535	1,674	2,134	3,360,950	2,213,755	5,574,705	426,861	6,001,566	13 60	75,104 03	.....	.....	5,895 00	3,307 77	1,550 49	85,857 29	1888
1889	7,821	1,765	2,204	3,706,375	2,315,755	6,022,130	413,490	6,435,620	13 60	79,552 69	.....	.....	5,880 00	4,558 50	1,923 21	91,914 40	1889
1890	8,127	1,911	2,321	3,999,375	2,355,700	6,355,075	369,360	6,724,705	13 70	85,335 80	.....	.....	5,145 00	4,733 83	1,536 56	96,751 19	1890
1891	8,827	2,032	2,412	4,272,025	3,093,275	7,377,025	405,690	7,777,715	14 20	104,061 87	.....	.....	4,410 00	4,733 83	1,779 04	114,984 74	1891
1892	9,539	2,282	2,723	4,786,150	3,379,700	8,165,850	430,715	8,596,565	15 80	123,604 46	\$646 75	.....	5,757 50	6,428 39	4,834 62	141,271 72	1892
1893	10,474	2,484	3,048	5,308,500	3,590,975	8,899,475	500,655	9,400,130	14 40	121,014 98	1,649 14	.....	8,225 00	6,716 22	3,927 41	141,532 75	1893
1894	10,847	2,583	3,126	5,677,800	3,708,975	9,386,775	538,098	9,924,873	14 20	123,852 57	4,041 90	.....	6,580 00	7,195 97	5,514 76	147,185 20	1894
1895	11,651	2,836	3,361	6,207,475	3,874,625	10,082,100	556,650	10,638,750	14 80	137,973 25	5,581 48	.....	5,895 00	9,307 02	5,418 73	164,175 48	1895
1896	12,314	3,022	3,591	6,786,100	4,101,250	10,796,350	637,815	11,434,165	15 20	154,992 74	5,581 48	.....	6,877 50	9,865 44	3,664 11	180,981 27	1896
1897	12,520	3,145	3,673	7,143,950	4,306,650	11,450,600	758,215	12,280,815	15 60	165,521 31	12,182 21	.....	6,877 50	9,307 02	3,915 46	197,803 50	1897
1898	12,630	3,212	3,690	7,430,000	4,320,895	11,750,895	724,249	12,475,144	16 70	187,636 69	7,100 42	.....	6,645 00	11,018 42	3,314 37	215,714 90	1898
1899	12,625	3,233	3,695	7,496,100	4,324,250	11,820,350	845,085	12,665,435	17 00	191,391 10	9,645 53	.....	6,645 00	12,007 07	3,013 69	222,702 39	1899
1900	12,715	3,237	3,650	7,582,525	4,398,150	11,980,675	797,690	12,778,365	18 00	*199,837 41	9,431 01	.....	6,645 00	11,857 11	9,540 04	237,310 57	1900
1901	12,781	3,248	3,711	7,610,850	5,993,025	13,603,875	1,286,890	14,890,765	16 20	*206,635 82	9,727 23	.....	7,437 50	13,388 55	*11,463 29	248,652 39	1901
1902	13,369	3,280	3,931	7,781,400	5,927,575	13,708,975	1,656,505	15,365,480	17 20	*237,107 27	10,561 13	1,977 83	6,375 00	13,355 88	2,861 15	272,148 26	1902
1903	13,641	3,312	4,052	7,865,250	5,915,375	13,780,625	1,397,005	15,177,630	18 00	*237,087 74	10,808 84	5,169 59	10,625 00	13,917 89	3,692 28	281,301 34	1903
1904	14,021	3,319	4,137	7,945,700	5,867,625	13,813,325	1,424,530	15,237,855	17 40	*225,003 32	11,744 15	5,696 87	11,625 00	15,716 05	3,627 28	273,412 67	1904
1905	14,559	3,334	4,235	8,020,150	5,845,800	13,865,950	1,463,745	15,329,695	18 00	*227,044 58	12,077 04	5,922 31	18,600 00	15,272 57	5,488 01	284,404 51	1905

\*Including Metropolitan Park Tax, estimate.

\*City Appropriation.



# COLLECTOR'S REPORT.

---

December 30, 1905.

TO THE HONORABLE BOARD OF ALDERMEN, CITY OF MELROSE,  
MASS.

GENTLEMEN: I herewith submit the sixth annual report.

## TAX 1905

Warrant .....	\$284,404.51
Additional .....	1,278.80
Interest .....	95.16
	<hr/>
	\$285,778.47
Abatements .....	3,989.20
	<hr/>
	\$281,789.27
Paid Treasurer .....	152,344.75
	<hr/>
Uncollected .....	\$129,444.52

## TAX 1904

Warrant .....	\$273,412.67
Additional .....	3,313.71
Interest .....	3,372.22
	<hr/>
	\$280,098.60
Abatements .....	5,336.21
	<hr/>
	\$274,762.39
Paid Treasurer .....	245,876.11
	<hr/>
Uncollected .....	\$ 28,886.28

## TAX 1903

Warrant .....	\$281,301.34
Additional's .....	1,182.85
Interest .....	5,688.26
	<hr/>
	\$288,172.45
Abatements .....	5,379.35
	<hr/>
	\$282,793.10
Paid Treasurer .....	279,922.68
	<hr/>
Uncollected .....	\$2,870.42

## TAX 1902

Warrant .....	\$272,148.26
Additional's .....	1,756.08
Interest .....	5,340.76
	<hr/>
	\$279,245.10
Abatements .....	7,566.54
	<hr/>
	\$271,678.56
Paid Treasurer .....	269,734.33
	<hr/>
Uncollected .....	\$1,944.23

## TAX 1901

Warrant .....	\$248,652.39
Additional's .....	1,526.03
Interest .....	4,716.00
	<hr/>
	\$254,894.42
Abatements .....	6,527.64
	<hr/>
	\$248,366.78
Paid Treasurer .....	246,651.66
	<hr/>
Uncollected .....	\$1,715.12

## TAX 1900

Warrant . . . . .	\$237,310.57
Additional . . . . .	2,937.20
Interest . . . . .	4,419.71
	<hr/>
	\$244,667.48
Abatements . . . . .	7,193.96
	<hr/>
	\$237,473.52
Paid Treasurer . . . . .	237,473.52
	<hr/>
Collections, takings 1899 . . . . .	\$2,630.57
Interest . . . . .	386.97
	<hr/>
Total . . . . .	\$3,017.54
Paid Treasurer . . . . .	3,017.54
	<hr/>
Collections, takings 1900 . . . . .	\$4,461.41
Interest . . . . .	553.82
	<hr/>
Total . . . . .	\$5,015.23
Paid Treasurer . . . . .	5,015.23
	<hr/>
Collections, takings 1901 . . . . .	\$4,177.33
Interest . . . . .	467.23
	<hr/>
Total . . . . .	\$4,644.56
Paid Treasurer . . . . .	4,644.56
	<hr/>
Collections, takings 1902 . . . . .	\$3,601.27
Interest . . . . .	233.00
	<hr/>
Total . . . . .	\$3,834.27
Paid Treasurer . . . . .	3,834.27
	<hr/>



Collections, takings 1903 .....	\$1,720.38
Interest .....	72.72
Total .....	<u>\$1,793.10</u>
Paid Treasurer .....	<u>1,793.10</u>

## SEWER ASSESSMENTS.

Collected .....	\$156,688.65
Paid Treasurer .....	\$156,653.73
Balance .....	34.92
Total .....	<u>\$156,688.65</u>

## SIDEWALKS FROM PUBLIC WORKS DEPT

Collected .....	\$155.77
Paid Treasurer .....	155.77

## SIDEWALK ASSESSMENT, 1905

Warrant .....	\$851.00
Paid Treasurer .....	550.76
Total Uncollected .....	<u>\$300.24</u>

## STREET WATERING, 1905

Warrant .....	\$4,912.73
Abatements .....	58.05
Paid Treasurer .....	<u>\$4,854.68</u>
Uncollected .....	<u>2,410.04</u>
	<u>\$2,444.64</u>



## WATER RATES, 1905

Collections .....		\$49,114.29
Paid Treasurer .....	\$48,736.79	
Refund .....	371.18	
	<hr/>	
	\$49,107.97	
Balance .....	6.32	
	<hr/>	
Total .....		\$49,114.29

## WATER RATES, 1904

Collections .....		\$48,968.59
Paid Treasurer .....	\$48,507.31	
Refund .....	461.28	
	<hr/>	
		\$48,968.59

## EXCISE TAX, 1905

Collected B. & N. S. R. R. ....	\$1,882.43
Paid Treasurer .....	1,882.43

## WATER RATES, 1906

Collections .....	\$81.00
Balance December 30, 1905 .....	81.00

## STREET WATERING, 1903

Warrant .....	\$4,061.11
Additional .....	24.50
	<hr/>
	\$4,085.61
Abatements .....	27.42
	<hr/>
	\$4,058.19
Paid Treasurer .....	4,042.35
	<hr/>
	\$15.84

## STREET WATERING, 1904

Warrant .....	\$4,740.51
Abatements .....	24.23
	<hr/>
	\$4,716.28
Paid Treasurer .....	4,200.84
	<hr/>
	\$515.44

## SIDEWALK ASSESSMENT, 1903

Warrant .....	\$366.05
Paid Treasurer .....	366.05

## FEES.

Balance December 30, 1905 .....	\$ .80
Collected .....	1,340.75
	<hr/>
Total .....	\$1,341.55
Paid Treasurer .....	\$1,334.77
Balance .....	6.78
	<hr/>
Total .....	\$1,341.55

## NON-RESIDENT BANK TAX, 1905

Collected .....	\$749.34
Paid Treasurer .....	749.34

## STREETING WATERING, 1902

Warrant .....	\$3,973.71
Abatements .....	9.10
	<hr/>
	\$3,964.61
Paid Treasurer .....	3,964.61

Respectfully,

JAMES W. MURRAY,

City Collector.

JANUARY, 22, 1906.

The committee on Solicitor and Collector, to whom was referred the city collector's report for the year 1905, have examined the same and recommend that the report be placed on file, to be printed as a part of the city's report for the year 1905.

Signed,

GEO. W. LIBBEY,

Chairman Committee.

Committee on Solicitor and Collector.

## REPORT OF THE CEMETERY COMMITTEE.

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TO THE HONORABLE MAYOR AND BOARD OF ALDERMEN :

We have the honor to report the receipts and expenditures of Wyoming Cemetery for the fiscal year ending January 31, 1906, to be as follows.

During the year the much needed improvement of Sylvan street has been begun, laying it out 50 feet in width, the wall at the west gate has been moved back and the grounds are now being regraded, all of which greatly improve the entrance.

### RECEIPTS.

Lots, care of .....	\$1,921.11
Lots, sale of.....	2,072.27
Interments.....	724.00
Foundations put in .....	264.75
Graves, single, sold .....	224.00
Vaults, Slate .....	180.00
Grass sold.....	20.00
Tomb, use of .....	83.00
Wood sold .....	56.75
Labor.....	103.00
Dressing sold .....	7.00
Creosote .....	7.00

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\$5,662.88

## EXPENSES.

Pay rolls, Supt. and teams .....	\$4,220.50
Gravel, loam and sod.....	713.11
Sewer pipe .....	79.95
Plants and shrubs .....	62.56
Books, printing, stamps and telephone .....	56.81
Dressing .....	50.50
Grave and lot markers.....	45.75
Hardware and tools .....	43.16
Salary of clerk .....	60.42
Salary of Committee 1904-1905 .....	75.00
Cement and lime .....	33.40
Repairing and sharpening tools .....	34.27
Tanglefoot .....	29.50
Labor on gate posts and wall.....	19.50
Lawn roller .....	15.00
Sign posts.....	18.00
Slate vaults.....	17.75
Sundries .....	9.67
Express and freight.....	7.05
Lumber.....	8.10

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\$5,600.00

Respectfully submitted,

JOHN P. DEERING,  
L. H. KUNHARDT,  
W. C. GOSS,  
Cemetery Committee.

# Report of the Overseers of the Poor.

MELROSE, MASS., January 31, 1906.

TO HIS HONOR THE MAYOR AND THE HONORABLE BOARD OF ALDERMEN;

GENTLEMEN:—The board of Overseers of the Poor respectfully submit their sixth annual report, it being for the year ending January 31, 1906.

## OUT DOOR RELIEF.

(Partial Support.)

Feb. 1, '05 to Feb. 1, '06.

Individuals aided							334
	Fe-			Minors.			
	Males	males	Adults	Over	Under	Tot	
				16	16		
Having settlement in Melrose, 101	123	92	25	108	224		
Having settlement in other							
cities and towns	28	36	24	1	39	64	
Paid for by the State	21	25	19	5	22	46	
Families aided							94
Having settlement in Melrose						63	
Having settlement in other cities and towns						14	
Paid for by the state						13	
Wife settlement in Melrose						4	
							94
Families aided for the first time							17
Families receiving medical aid only							18

## (Full Support.)

		Males	Females
Supported at City Farm	11	2	9
Boarded in private families	3	1	2
Boarded in institutions	9	7	2
Total			23



Deaths at City Farm during the year . . . . .	2
Discharged to earn own living . . . . .	1
Discharged to live with family . . . . .	1
Remaining at City Farm Feb. 1, 1906 . . . . .	7

## FINANCIAL STATEMENT.

Appropriation . . . . .	\$6,900.00
Carried from 1904 . . . . .	16.35
Receipts from Farm . . . . .	1,259.87
"    "    Individuals . . . . .	29.00
"    "    Cities and	
Towns . . . . .	1143.58
Receipts from State . . . . .	340.10
Special appropriation . . . . .	1,500.00
Transferred from 1906 appro-	
priation on account of	
bills due . . . . .	517.80
Balance by Appropriation . . . . .	296.18

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\$12,002.88

## EXPENDITURES.

## Outside aid :

Food . . . . .	\$2,360.60
Fuel . . . . .	422.89
Rent . . . . .	1,363.93
Board in private families . . . . .	280.03
Board in institutions . . . . .	890.44
Shoes . . . . .	197.30
Clothing . . . . .	29.88
Medicine . . . . .	176.34
Physicians' services . . . . .	544.00
Burial . . . . .	57.00
Cash . . . . .	192.00
Cities and towns . . . . .	664.16
Sundries . . . . .	88.32
Telephone . . . . .	31.66

---

\$7,298.55

## CITY FARM.

## House expense.

Food .....	\$652.04
Fuel .....	343.82
Telephone .....	34.65
Supplies .....	53.90
Labor .....	250.77
Medicine .....	56.42
Physicians' services .....	45.50
Repairs .....	227.08
Sundries .....	153.07
Electric lighting .....	101.32
Salary of matron .....	249.96
	<hr/>
	\$2,168.53

## Farm expense.

Labor .....	\$318.05
Feed .....	672.29
Dressing .....	126.25
Sundries .....	184.16
Supplies .....	985.01
Salary of Superintendent .....	250.04
	<hr/>
	\$2,535.80
	<hr/>
	\$12,002.88

Appropriation for clerical assistance .....	\$200.00
Expended .....	200.00

Appropriated for contingent expenses .....	\$100.00
Expended .....	77.52

Balance .....	\$22.48
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## ELEANOR BROWN TOOTHAKER FUND.

Money to credit of fund Feb. 1, 1905 . . . . .	\$1,214.77	
Interest . . . . .	49.26	
Dividends B. & M. R. R. . . . .	9.00	
Dividends B. & M. R. R. . . . .	39.00	
	<hr/>	\$1,312.03
Expenditures for year 1905 . . . . .		102.54
		<hr/>
Balance Feb. 1, 1906 . . . . .		\$1,209.49

THOMAS M. GOGIN,  
MATILDA E. STANTIAL,  
WILLIAM S. SOULE,  
Overseers of the Poor.



# Sixth Annual Report

OF THE

Engineer and Superintendent

OF THE

## PUBLIC WORKS DEPARTMENT

CITY OF MELROSE  
MASS.

FROM FEBRUARY 1, 1905, TO JANUARY 31, 1906.

---

W. DABNEY HUNTER

Engineer and Superintendent of Public Works.

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MELROSE:  
DUNTON PRINTING CO.  
1906.

# ORGANIZATION.

1905.

---

HON. SIDNEY H. BUTTRICK,  
Mayor.

---

W. DABNEY HUNTER,  
Engineer and Superintendent.

---

EMMA L. LEIGHTON,  
Stenographer.

WILLIAM H. MARTIN  
Bookkeeper

---

A. J. WAGHORNE,  
Assistant in charge of Engineering Division.

---

JAMES MARSHALL,  
Assistant in charge of Highway Division.

---

JAMES McTIERNAN,  
Assistant in charge of Water Division.

---

BARTLEY MALONEY,  
Assistant in charge of Sewer and Drain Division



# Public Works Department.

TO HIS HONOR THE MAYOR, CHARLES J. BARTON:

DEAR SIR:—In accordance with the established custom I have the honor to submit herewith the Sixth Annual Report of the Public Works Department of the City of Melrose, for the fiscal year ending January 31, 1906.

In giving an account of the receipts and expenditures, together with the work performed under the various heads or subdivisions into which the Public Works Department is divided, I shall follow the same general order or arrangement of previous reports, and shall endeavor to make the same as brief as is consistent; but, should any detail be omitted on which you, any member of the Board of Aldermen or any citizen desire additional information, I shall be pleased to furnish the same.

## PUBLIC WORKS OFFICE.

A summary of the work done during the past year is as follows:

Permits to open and occupy public streets .....	144
Orders of the Board of Aldermen attended to or reported on .....	61
Contracts written and made: street watering, tar concrete, collection of ashes, sewer pipe, brick, castings, curbstone and flagging, and electric lighting .....	8

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Appropriations:	
Clerical service .....	\$490.00
Contingent .....	300.00
Board of horse, etc .....	310.00
Telephone service .....	70.00
	————— \$1,170.00

## Expended:

Clerical service .....	\$489.00	
Contingent, books, printing and stationery .....	295.18	
Board of horse, etc .....	300.30	
Telephone service .....	61.46	
	<hr/>	\$1,145.94

## Balances in Treasury:

Clerical service .....	\$1.00	
Contingent .....	4.82	
Board of horse, etc .....	9.70	
Telephone service .....	8.54	
	<hr/>	\$24.06

## WATER DIVISION.

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Appropriation—maintenance and reconstruction ..	\$15,000.00
Balance of bond issue 1904 .....	3,013.44
Collections paid into treasury, maintenance account ..	2,691.54
Transfers for stock used by other divisions .....	275.91
Stock on hand, February 1, 1905, per report .....	6,287.46
	<hr/>
	\$27,268.35

## Expended:

For general maintenance and invoices, (see page 175) .....	\$4,387.73
For relay main pipes (see table No. 2) ..	4,960.21
For hydrant maintenance (see page 176) ..	304.85
For inside services, and charges (see page 176) .....	2,593.67
For outside services, maintenance (see page 176) .....	3,429.91
For main lines, maintenance (see page 176) .....	1,626.07

For main lines, construction net amount for 1905 (used in addition \$3,268.20 of stock bought in 1904 on account Upham street) (see table No. 3) . . .	\$1,524.23	
For services, construction (see table No. 3) . . . . .	540.75	
Stock on hand February 1, 1906, (see page 177) . . . . .	4,753.09	\$24,120.51
		<hr/>
		\$3,147.84
Balance in treasury:		
Maintenance account . . . . .	\$2,199.38	
Construction account . . . . .	948.46	
		<hr/>
	\$3,147.84	

## FINANCIAL STATEMENT.

For fiscal year ending January 31, 1906, not including the 1906 water rates collected in January, 1906, amounting to \$6,175.09.

	DR.	
To cash on hand Feb. 1, 1905, water rates . . . . .	\$53.90	
To cash on hand Feb. 1, 1905, summons . . . . .	.40	\$54.30
	<hr/>	
To 1904 water rates collect- ed in 1905 . . . . .	\$237.55	
To 1904 summons . . . . .	.40	237.95
	<hr/>	
To 1905 water rates . . . . .	\$49,522.27	
To 1905 summons . . . . .	70.00	49,592.27
	<hr/>	
To sundry collections by W. D. Hunter:		
New services (43) . . . . .	\$358.90	
Services renewed (126) . . . . .	1,593.42	
Services cleaned (92) . . . . .	287.83	

Services repaired (42) . . . . .	\$126.91	
Services thawed (5) . . . . .	33.45	
Fixtures sealed (13) . . . . .	8.44	
Telephone tolls . . . . .	3.45	
On and off water (188) . . . . .	188.00	
On and off water, non-pay- ment (11) . . . . .	22.00	
Sundries . . . . .	69.14	
	<hr/>	\$2,691.54
To collections or transfers by City Treasurer . . . . .	\$245.91	
To collected by Treasurer from Commonwealth of Massachusetts for water sold as provided by Sect. 3 of Chap. 392 of the Acts of 1898 . . . . .	185.45	
	<hr/>	434.43
To credits given on transfer bills:		
To highways . . . . .	\$16.40	
To sewer . . . . .	13.60	
	<hr/>	30.00
	<hr/>	\$53,037.42
CR.		
By cash paid Treasurer, wa- ter rates, 1904 . . . . .	\$220.04	
By cash refunded sundry persons, water rates, 1904 . . . . .	71.41	
	<hr/>	\$291.45
By cash paid Treasurer, wa- ter rates, 1905 . . . . .	\$49,117.19	
By cash paid Treasurer, sum- mons, 1905 . . . . .	69.60	
	<hr/>	
Amounts carried forward . .	\$49,186.79	\$291.45 \$53,037.42

Amounts brought forward . .	\$49,186.79	\$291.45	\$53,037.42
By cash refunded sundry persons, 1905 . . . . .	377.18		
	<hr/>	49,563.97	
By cash paid Treasurer, sundries, (W. D. Hunter)		2,691.54	
By cash collected by Treasurer from other departments . . . . .	\$245.91		
By cash collected by Treasurer from Commonwealth of Massachusetts for water sold as provided by Sect. 3 of Chap. 392 of the Acts of 1898 . . . . .	185.45		
By credit given on transfer bills:			
To highways . . . . .	\$16.40		
To sewer . . . . .	13.60		
	<hr/>	30.00	
	<hr/>	461.36	
By cash on hand Feb. 1, 1906 (J. W. Murray, summons \$.40, water rates \$27.90) . . . . .		29.10	
		<hr/>	\$53,037.42

## STATEMENT FOR SINKING FUND.

DR.

To stock balance as per last report . . . . .	\$6,287.46
Total receipts for 1905 . . .	\$53,037.42
Less cash on hand Feb. 1, '05 . . . . .	\$54.30
Less refunds paid . . . . .	448.59
	<hr/>
	502.89
	<hr/>
	\$52,534.53

To accrued interest on bonds	\$166.67	
	<hr/>	\$58,988.66

## CR.

By assessment paid Commonwealth of Massachusetts:

Sinking fund	\$4,829.71	
Interest	12,558.36	
Maintenance	3,090.46	
	<hr/>	\$20,478.53
By transferred to engineering	400.00	
By interest on bonds	10,540.00	
By cost of printing bonds	37.50	
By cost of relaying pipes	4,960.21	
By cost of maintenance	12,342.23	
By stock balance	4,753.09	
	<hr/>	53,511.56
Surplus		<hr/>
		\$5,477.10

NOTE: To check with auditor's balance (\$11,585.59) add cash on hand, J. W. Murray, \$29.10, and \$37.50, amount paid in 1906 for water bonds, (not shown by the books of Public Works Department) and subtract water rates collected and paid Treasurer in January, 1906, amounting to \$6,175.09.

Cost of Construction to January 31, 1906:

Cost as per report 1904	\$461,672.53	
Cost charged to construction in 1905:		
Main lines	\$1,524.23	
Services	540.75	
	<hr/>	2,064.98
Total cost to date		<hr/>
		\$463,737.51



SUMMARY OF FIXTURES AND STATEMENT OF WATER SUPPLIED  
February 1, 1906.

	RATED	METERED	PUBLIC BLDGs.	TOTALS
Families .....	3445	106	.....	3,551
Boarding Houses .....	2	3	.....	5
Stores and Shops .....	139	79	.....	218
Faucets .....	9,372	536	142	10,110
Water Closets .....	3,495	257	140	3,832
Bath Tubs .....	2,239	95	3	2,337
Use of Water Closets .....	80	3	.....	83
Use of Bath Tubs.....	20	.....	.....	20
Urinals .....	4	14	23	41
Fountains .....	3	.....	7	10
Sill Cocks .....	1,102	23	14	1,139
Horses .....	310	206	8	524
Cows .....	37	3	2	42
Hose .....	1,114	1	14	1,129
Boilers .....	2	14	20	36
Motors .....	1	5	.....	6

Number of water takers.....	3,879
“ “ vacancies .....	270
“ “ fire hydrants .....	289
“ “ stand pipes for street sprinkling.....	30
“ “ stand pipes for cemetery .....	25
“ “ meters .....	113
“ “ gates on mains.....	431
“ “ miles of cement pipe.....	17.29
“ “ miles of cast iron pipe .....	30.34

The work in this division of the Public Works Department the past season has been much less than usual and most of the stock used was that carried over from previous years. The small amount required was purchased by bids in response to advertisements or solicited for. Pig lead was purchased of Fitz, Dana & Co., gates and hydrants of Chapman Valve Manufacturing Co., and stops and brass goods of Scrannage Brothers.

CANVASS OF BIDS FOR FURNISHING THE CITY OF MELROSE,  
PUBLIC WORKS DEPARTMENT, WITH 4½ TONS BEST PIG  
LEAD AND 3 TONS ¾-INCH LEAD PIPE, F. O. B. CARS,  
MELROSE, MASS.

Opened April 25, 1905.

ITEMS	Chadwick, Boston Lead Co., 162 Congress Street, Boston, Mass.		National Lead Co. of Mass. 57 Broad Street, Boston, Mass.		*Fitz, Dana & Co., 110 North Street, Boston, Mass.	
	PRICE	AMT.	PRICE	AMT.	PRICE	AMT.
4½ tons pig lead . . . .	\$39.20	\$446.40	.....	\$446.40	\$99.20	\$446.40
3 tons lead pipe . .	111.40	334.20	.....	334.20	111.40	334.20

\*If by long ton the price is 10 cents per 100 lbs. less.

Contract awarded to Fitz, Dana & Co.

CANVASS OF BIDS FOR FURNISHING CITY OF MELROSE, PUBLIC  
WORKS DEPARTMENT, WITH 6 HYDRANTS AND 6 GATES.

Opened April 25, 1905.

NAME OF BIDDER	HYDRANTS		GATES		TOTAL
	PRICE	AMT.	PRICE	AMT.	
Fairbanks Company, 38 Pearl St., Boston, Mass.	\$28.50	\$171.00	\$22.75	\$166.50	307.50
Chapman Valve M'f'g Co., Indian Orchard, Mass.	34.00	204.00	25.65	153.90	357.90
Ludlow Valve M'f'g Co., 150 High St., Boston, Mass.	37.80	226.80	27.50	165.00	391.80

Contract awarded to Chapman Valve M'f'g Co

## METROPOLITAN ASSESSMENT.

The Act, Chapter 488 of 1895, creating the Metropolitan District, provided that the amount necessary to pay interest on bonds, meet the sinking fund requirements, and pay the expense of maintenance should be apportioned as follows: Boston, in the proportion that its valuation bore to the valuation of the entire district, and the remainder to the other cities and towns in the district, one-third in proportion to their respective valuations and the remaining two-thirds in proportion to their respective populations; the first assessment to be levied in the year 1898 not to exceed \$300,000.00 and the same to be increased each year by \$200,000.00 until such time as an amount sufficient to pay all of the expense of interest, sinking fund and maintenance was reached. Under this arrangement the Commonwealth had to issue bonds to make up the deficiency in the assessment, and after a conference with the municipalities comprising the Metropolitan District, they petitioned the Legislature for the passage of an act allowing them to assess all of this expense, and consequently in 1901 the Legislature passed an Act, Chapter 489, permitting them to do this. This increased the assessment to Melrose from \$3,332.94 in 1898 to \$12,546.32 in 1901.

The per capita consumption throughout the district increased so rapidly that the Metropolitan Board petitioned the Legislature to change the mode of assessment so that that part assessed upon relative population be assessed on relative consumption; this Act will go into effect the present year, and it is estimated that our assessment will be \$24,500.00.

There is now pending before the Legislature an act, which will no doubt pass, making a further change in the assessment by assessing Boston in the same manner as the other municipalities within the District. If this change is made, it is estimated that the assessment to Melrose will be further increased by \$3,000.00, which will make our annual assessment about \$27,500.00, and as the assessment increases somewhat in proportion to the expenditures by the Metropolitan Water Board, and as their works are not now completed, we will probably within a short time be called upon to pay as high as \$30,000.00.

This, together with the annual interest on bonds outstanding, \$9,400.00, and the annual cost of maintenance, \$10,000.00, makes a total annual expense of \$49,400.00, which practically takes all of the revenue of the department.

As our assessment depends upon our relative consumption as compared with other municipalities within the District, it is more or less an unknown quantity. The above estimate is upon the assumption that the relative consumption remains unchanged which is improbable, as many of the other municipalities are now considering this question and will no doubt to some extent adopt the so-called meter system for the sale of water, which will tend to diminish their consumption, also their assessment, and consequently increase the relative consumption and assessment of the municipalities which make no change. The only remedy which we have is to reduce our consumption. This can be accomplished by the introduction of meters and by the expenditure of money in investigating and repairing leaks in the mains, both of which would tend to increase the annual expense, and consequently would necessitate raising the water rates temporarily, but I believe in the end it would result in decreasing them.

#### RELAYING PIPES.

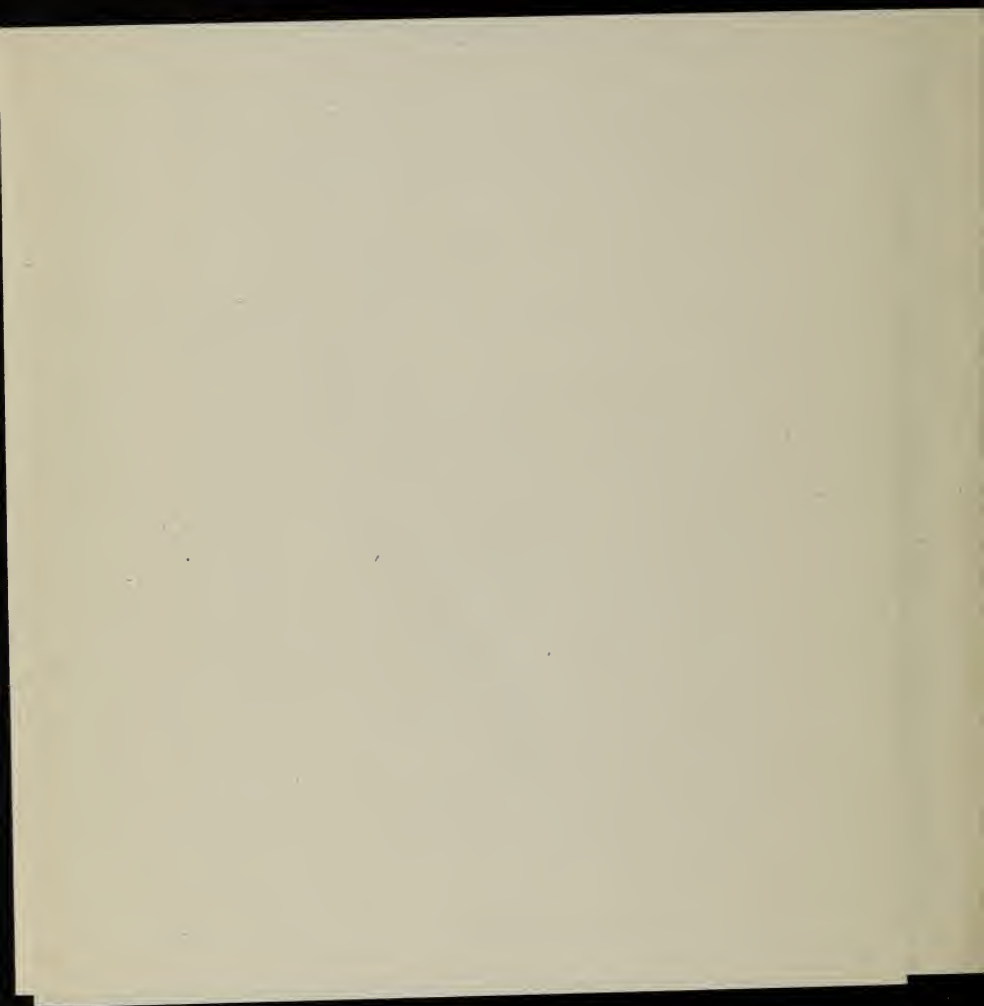
In 1900, when Melrose became a city and the water department was merged into the Public Works Department, a large percentage of all the distributing mains were what is termed cement pipe, most of which had been in use 25 or 30 years, and were designed to withstand an internal pressure not exceeding 50 or 60 pounds per square inch, later Melrose constructed its high service works and the pressure was increased to 80 odd pounds, and when the supply was taken from the Northern High Service of the Metropolitan Water System the pressure was again increased so that in the lowest section of the city we have a pressure approximately of 100 pounds per square inch. Breaks were so frequent and numerous that it became necessary to install an apparatus, termed a regulator, to diminish the pressure on our mains until such time as the weaker of the cement pipes could be replaced with stronger ones, and practically all of



TABLE 1.

## WATER MAINS RECOMMENDED TO BE RE-LAID 1906.

Item	LOCATION	PIPE						LEAD			EXCAVATION				TEES, REDUCERS, ETC.				SPECIAL CASTINGS			HYDRANTS		GATES		RE-CONNECTIONS		27	28
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26		
		Length in feet	Diameter inches	Standard weight per lin. ft. in lbs.	Tons 2240 lbs. each	Price per ton	Cost	Weight per joint in lbs.	Total Weight in lbs.	Cost at 6 cts. per lb.	EARTH		ROCK		Teaming at 50 c per ton	No.	Approx. weight-lbs.	Cost at 2½c	No.	Approx. weight-lbs.	Cost at 3½ c per lb.	No.	Cost at \$35.00	No.	Cost at 6", \$11, 12", \$35	No.	Cost at \$8.50 ea.		
											Cu. yds. at ½ cu. yds. per lin. ft.	Cost at 60 cts. per cu. yd.	Cu. yds.	Cost at \$4.00 per cu. yd.														Contingencies plus 5%	TOTAL COST
1	Chestnut St., Mt. Vernon St. to Lynde St. ....	830	6	32	11.8	\$35.00	\$413.00	12½	880	\$52.80	552	\$331.20	10	\$40.00	\$5.90	1	200	\$5.00	1	200	\$7.00	1	\$35.00	4	\$44.00	10	\$85.00	\$50.94	\$1,069.84
2	Chestnut Park .....	200	4	22	1.9	"	66.50	8	136	8.16	132	79.20	3	12.00	.95	1	150	3.75						1	9.00	5	42.50	11.10	233.16
3	Charles St. ....	650	6	32	9.3	"	325.50	12½	687	41.22	433	259.80			4.65	2	400	10.00	1	200	7.00			3	33.00	7	59.50	37.03	777.70
4	Gould St. ....	930	6	32	13.3	"	465.50	12½	981	58.86	620	372.00			6.65	1	200	5.00						2	22.00	5	42.50	48.62	1,021.13
5	Ingalls Court .....	250	4	22	2.0	"	70.00	8	168	10.08	166	99.60			1.00	1	150	3.75						2	17.00	10.07			211.50
6	Larrabee St., First St. to Foster St. ....	290	6	32	4.1	"	143.50	12½	306	18.36	193	115.80			2.05	1	200	5.00						1	11.00	2	17.00	15.63	328.34
7	Linwood Ave., Park St. to Sylvan St. ....	600	6	32	8.5	"	297.50	12½	637	38.22	400	240.00			4.25	1	200	5.00				1	35.00	1	11.00	4	34.00	33.25	698.22
8	Lebanon St., " " " " " .....	610	6	32	8.7	"	304.50	"	650	39.00	406	243.60			4.35	1	200	5.00				1	35.00	1	11.00	1	8.50	32.55	683.50
9	Mt. Vernon St., Main St. to Brown St. ....	1,100	6	32	15.7	"	549.50	"	1,169	70.14	733	439.80	70	280.00	7.85	3	600	15.00	1	200	7.00			3	33.00	11	93.50	74.79	1,570.58
10	Porter St., Linden St. to Fletcher St. ....	107	12	86	4.1	"	143.50	27½	245	14.70	70	42.00			2.05	4	1,200	30.00						2	70.00	4	34.00	16.81	353.06
11	" " Fletcher St. to School St. ....	840	10	60	22.5	"	787.50	23½	1,627	97.62	560	336.00			11.25							1	35.00			6	51.00	65.92	1,384.29
12	Prospect St., Poplar St. West .....	1,000	6	32	14.3	"	500.50	12½	1,062	63.72	667	400.20	80	320.00	7.15				1	200	7.00			2	22.00	10	85.00	70.28	1,475.85
13	Rowe St., Upham St. to Porter St. ....	1,400	6	32	20.0	"	700.00	"	1,486	89.16	932	559.20			10.00				4	800	28.00	2	70.00			30	255.00	85.56	1,796.92
14	Summer St., Wyoming Ave. to Lynde St. ....	710	12	86	27.2	"	952.00	27½	1,608	96.48	472	283.20			13.62				4	1,850	64.75	1	35.00			10	85.00	76.50	1,606.55
15	Sixth St., Grove St. to First St. ....	930	6	32	13.3	"	465.50	12½	981	58.86	620	372.00			6.65	2	400	10.00						5	55.00	6	51.00	50.95	1,069.96
16	Upham St., East St. East .....	1,050	6	32	15.0	"	525.00	"	1,115	66.90	700	420.00	10	40.00	7.50	2	400	10.00	2	400	14.00			3	33.00	10	85.00	60.07	1,261.47
17	West Emerson St., Poplar St. West. ....	525	6	32	7.5	"	262.50	"	561	33.66	350	210.00			3.75				1	200	7.00	1	35.00	1	11.00	8	68.00	31.54	662.45
18	Wyoming Ave., Lynde Ave. to Regulator .....	600	16	135	36.1	"	1,263.50	50½	2,525	151.50	400	240.00			18.05							1	35.00					85.40	1,793.45
19	Winthrop Place, Low pt. North .....	400	6	32	5.8	"	203.00	12½	424	25.44	267	160.20			2.90				1	200	7.00	1	35.00			7	59.50	24.65	517.69
Totals.....					241.1		\$8,438.50		17,248	\$1,034.88	8,673	\$5,203.80	173	\$692.00	\$120.57		4,300	\$107.50		\$4,250	\$148.75	10	\$350.00	29	\$365.00	138	\$1,173.00	\$881.66	\$18,514.66





the revenue of the department not needed for maintenance, interest and sinking funds, was used in taking out the old cement pipes and replacing them with larger ones of cast iron. This amount gradually decreased each year in the same proportion as the assessment of the Commonwealth increased, until at the present time, estimating the revenue and expenses for the year 1907, there will probably be no surplus whatever, and while the pipes that were in the worst condition, as was evidenced by the number of breaks, have been removed, there are many others that are now in an unsatisfactory condition, and these I recommend be from time to time renewed with cast iron and at the same time that they be enlarged; and as there will be no surplus unless the rates are raised, if this work is to be continued, funds will have to be provided from some other source

The streets that I particularly recommend be relaid are those shown on the following table:

# RELAY 1905

## SUMMARY OF WORK DONE AND ITS COST BY STREETS.

TABLE II.

LOCATION	Pipe Laid			Pipe Abandoned,			Gates		Hydrants	Charged to Relay			Improve- ment in Plant charged to Construc- tion	Total Cost
	Length in Feet	Size in Inches	Length in Feet	Length in Feet	Size in Inches	Length in Feet	No.	Size in Inches		Stock	Labor	Total		
1 East St., Upham St. North .....	516	6	516	4	4	6	1	6	..	\$193.14	\$228.46	421.60	\$115.18	\$536.78
2 East Foster St., No. 358 to No. 371 .....	141	6	141	6	6	..	..	..	..	89.55	14.82	104.37	..	104.37
3 Orient Ave., at Porter St. ....	32	6	32	4	4	..	..	..	..	28.09	15.87	43.96	..	43.96
4 Rockland St., at South Ave. ....	45	4	45	4	4	..	..	..	..	21.01	12.38	33.39	..	33.39
5 School St., Porter St. South .....	510	6	510	4	4	..	..	..	..	12.35	307.47	319.82	297.30	617.12
6 South Ave., Walton Park to Rockland St. .	190	6	190	4	..	..	..	..	..	137.19	342.64	479.83	..	479.83
7 Upham St., Lebanon St. East .....	3,234	10	3,234	4	6	10	3	..	..	..	..	..	..	..
8 Upham St., Sewall St., to Fletcher St. ....	210	12	210	4	1	4	6	..	..	..	..	..	..	..
9 Rowe St. at Upham St. ....	38	6	38	4	4	6	..	..	..	..	..	..	..	..
10 Parker St., " .....	24	6	24	4	1	6	..	..	..	..	..	..	..	..
11 Hillside Ave., " .....	34	6	34	4	1	6	..	..	..	..	..	..	..	..
12 Eighth St., " .....	18	6	..	..	1	6	1	..	..	1,313.31	2,243.93	3,557.24	2,944.88	6,502.12
13 Bellevue Ave., " .....	48	6	48	6	1	6	..	..	..	..	..	..	..	..
14 Gooch St., " .....	18	6	18	4	1	6	..	..	..	..	..	..	..	..
15 Sewall St., " .....	12	6	12	4	..	..	..	..	..	..	..	..	..	..
16 School St., " .....	40	6	40	6	1	6	..	..	..	..	..	..	..	..
17 Eleventh St., " .....	26	6	26	4	1	6	..	..	..	..	..	..	..	..
18 East St., " .....	20	6	20	4	..	..	..	..	..	..	..	..	..	..
Totals .....	5,156	..	5,138	..	..	..	..	..	..	1,794.64	\$3,165.57	\$4,960.21	\$3,357.36	\$8,317.57

CONSTRUCTION, 1905.  
SUMMARY OF WORK DONE AND ITS COST BY STREETS.

TABLE III.

	LOCATION	Pipe Laid		Gates		Hydrants	Cost of Stock	Cost of Labor	Total Cost
		Length in Feet	Size in inches	No.	Size in inches				
1	Fletcher St., Emerson St. to Upham St. ....	380	12	2	12	.....	\$644.47	\$201.19	\$845.66
2	Forrest St., at Court .....	115	6	.....	.....	.....	68.91	63.81	132.72
3	"    Court off .....	260	4	1	4	1	135.80	91.06	226.86
4	Winter St., Dell Ave. East .....	160	4	1	4	.....	73.36	63.42	136.78
5	Upham St. ....	.....	.....	.....	.....	1	.....	8.56	49.45
6	Brunswick Park.....	.....	.....	.....	.....	1	35.17	8.43	43.60
	46 New Services.....	.....	.....	.....	.....	.....	369.63	171.12	540.75
	Improvement to Plant (see Relay) .....	.....	.....	.....	.....	.....	3,357.36	.....	3,357.36
	Totals.....	.....	.....	.....	.....	.....	4,725.59	607.59	\$5,333.18
	Less stock charged Upham St. 1904 .....	.....	.....	.....	.....	.....	.....	.....	\$3,208.20
	Total Amount charged to Construction 1905.....	.....	.....	.....	.....	.....	.....	.....	\$2,125.98

SUMMARY OF PIPE LAID AND ABANDONED.

New Pipe Laid			Old Pipe Abandoned	
Size Inches	Length in Feet		Size Inches	Length in Feet
4	465		4	4,909
6	1,782		6	229
10	3,234		.....	.....
12	590		.....	.....
.....	6,071		.....	5,138

Number of Hydrants set, 7. Replaced, 3. New, 4.  
Number of Gates set, 24. Replaced 15. New, 9.

## GENERAL MAINTENANCE.

All work not chargeable to "relay" and "construction" is charged under this head and continues to increase principally in the service account, and while the charges and collections to some extent increase in proportion, they only cover about one-half the cost of this work, as the department has adopted the practice of renewing or cleaning the city's part of the service to any estate where the owner renews or cleans his.

Upon a casual examination of the cost of maintenance, it would appear to have cost \$12,342.23, but deducting the collections for work done on private premises, \$2,691.54, it leaves a net cost of \$9,650.69, of which \$3,429.91 was for services and principally for replacing iron pipes with lead, this would leave for general maintenance \$6,220.78. The work performed is as follows:

- 47.63 miles of main pipe have been cared for.
- 27 breaks in cement pipe repaired.
- 27 joint leaks in cast iron pipe repaired.
- 71 service leaks repaired.
- 3 gates repacked.
- 4 new hydrants set.
- 289 hydrants oiled, cleaned, painted and kept free from snow and ice.
- 98 services cleaned in street.
- 84 services cleaned in private premises.
- 143 services renewed in street with all lead.
- 109 services renewed in private premises with all lead.
- 46 new services laid and 4 services abandoned.
- 113 meters examined and repaired when needed.
- 7 new meters set.
- 3816 premises visited and condition of fixtures inspected.

The following main pipe was frozen and lowered:

- Lynde Avenue, junction of Glen street
- Boardman avenue (east of Hawes avenue).
- Swain's Pond avenue, opposite 375
- Rockland street, between 25 and 48
- East Foster street, between 358 and 371.
- Laurel street, near No. 229

Wyoming avenue, opposite No. 271.

Fairview avenue, between 36 and 48.

East avenue, between Upham street and No. 45.

## EXPENDITURES.

Amount paid James McTiernan, per pay		
roll .....	\$1,000.00	
“ “ Wm. H. Martin, per pay		
roll .....	474.00	
“ “ Edw. A. Riley, per pay		
roll .....	528.75	
“ “ Sundry persons, inspect-		
ing for water register,		
delivering water bills,		
off and on water, sealing		
fixtures, etc., as per pay		
rolls .....	344.97	
	<hr/>	\$2,347.72
One-half rent of Tremont street yard ...	\$175.00	
Rent of shop, Sanford street .....	150.00	
Board and care of two horses .....	497.33	
Fred T. Kimball, 1 heavy democrat wag-		
on .....	95.00	
Melrose club stable, harness .....	30.00	
Melrose club stable, use horses .....	52.50	
P. Murphy, pung .....	40.00	
Repair of carts, harness and shoeing .....	161.05	
Blacksmithing and repair tools .....	202.21	
New tools .....	318.85	
Hardware, gasoline and sundries .....	150.79	
Repair of meters in use .....	14.47	
Telephone service .....	35.90	
Books, stamps and stationery .....	104.61	
Concrete repair .....	12.30	
	<hr/>	2,040.01
		<hr/>
		\$4,387.73

## MAINTENANCE SERVICES.

Labor as per pay rolls . . . . .	\$2,376.13	
Stock used . . . . .	1,053.78	
	<hr/>	3,429.91

## MAINTENANCE MAIN LINES.

Labor as per pay rolls . . . . .	\$1,359.61	
Stock used . . . . .	266.46	
	<hr/>	1,626.07

## HYDRANT MAINTENANCE.

Labor, painting, oiling, shovelling snow, and repairs, as per pay rolls . . . . .	\$225.43	
Stock used . . . . .	79.42	
	<hr/>	304.85

## INSIDE SERVICE AND CHARGES.

Labor as per pay rolls . . . . .	\$1,293.87	
Stock used . . . . .	1,299.80	
	<hr/>	2,593.67

## STOCK ACCOUNT.

Balance on hand, per report for 1904 . . . . .	\$6,287.46
--	------------

## STOCK BOUGHT.

Wrought iron pipe and fittings . . . . .	\$74.37	
Cast iron pipe and fittings . . . . .	738.27	
Lead, lead pipe and solder . . . . .	2,054.90	
Brass fittings . . . . .	213.81	
Hydrants, gates and valves . . . . .	377.71	
Gate and service boxes . . . . .	511.18	
Coal and coke . . . . .	25.42	
Cement and sewer pipe . . . . .	23.40	
Lumber . . . . .	3.43	
Powder and exploders . . . . .	6.71	
Gravel . . . . .	20.11	
Teams and rolling . . . . .	45.50	
Labor on stock at shop, per pay roll . . . . .	322.31	
	<hr/>	4,417.12
		<hr/>
		\$10,704.58



## STOCK USED

On construction, services .....	\$369.63	
On construction, main lines, including improvement to plant in "relay," net .....	1,081.86	
On relay, main lines .....	1,800.54	
On inside services and charges .....	1,299.80	
On outside services, maintenance .....	1,053.78	
On maintenance, main lines .....	266.46	
On maintenance, hydrants .....	79.42	
	<hr/>	5,951.49
		<hr/>
		\$4,753.09



TOTAL OF DISTRIBUTING PIPES LAID TO JANUARY 31, 1906.—Continued.

[illegible]







TOTAL OF DISTRIBUTING PIPES LAID TO JANUARY 31, 1906.—Continued.

LOCATION.	FEET OF CAST IRON PIPE.								FEET OF CEMENT PIPE.								
	¾-in	1-in	1½-in	2-in	4-in	6-in	8-in	10-in	12-in	14-in	16-in	2-in	4-in	6-in	8-in	10-in	12-in
Mystic avenue.....					1,042	450											
Natalie avenue.....						680											
North ".....						1,158											
Oakland street.....						32							988				
Orient avenue.....				220													
Orient place.....				250													
Orient park.....									728								
Orris street.....														722	360		
Otis place.....					165												
Otis street.....						1,165											
Panama ".....																	
Park ".....						134									112		
Parker ".....				376		24									1,346		
Pearl ".....						900											
Perkam avenue.....				250													
Perkins street.....						111	158										
Pine ".....																	
Pleasant ".....							1,260										
Porter ".....						250		1,543						1,707			
Poplar ".....					270	600									750		
Potter ".....						341											
Prairie ".....					120	19								311			
Prospect ".....														900			
Ravine road.....						18		35									
Reading fill avenue.....						170								620			
Reading court.....		170															
Renwick road.....																	
Richardson road.....						1,000									425		
Right of Way, off Sibley.....									320								
Right of Way, off Ravine rd.....									1,955								
Rockland street.....					45	680											
Rogers ".....					16	1,107											
Rowe ".....				330		688								1,032			
Russell ".....														1,230			
Rubber works shop.....														530			
Sanford street.....					300	320								800			
Sargent ".....						20								530	870		
School ".....				300		550									400		





## TOTAL OF DISTRIBUTING PIPES LAID TO JANUARY 31, 1906.—Continued.

LOCATION.	FEET OF CAST IRON PIPE.								FEET OF CEMENT PIPE.									
	¾-in	1-in	1½-in	2-in	4-in	6-in	8-in	10-in	12-in	14-in	16-in	2-in	4-in	6-in	8-in	10-in	12-in	16-in
Size of pipe.....																		
Woodland avenue.....					1,500													
+Wyoming "						600												
Wyoming park.....					375				32		2,650			500				673
York terrace.....						600												
York terrace, private way to Ferdinand street.....																		
Youte street.....						150												
						350	893							707				
Totals .	1,559	1,105	375	5,728	13,079	76,992	21,764	1,579	19,615	2,920	4,505	580	53,149	29,947	1,700	1,200	4,050	673

SUMMARY.—91,299 feet cement pipe, 160,221 feet iron pipe,  
or 17.29 miles cement pipe, or 30.34 miles iron pipe.  
Total miles of pipe, 47.63.

NOTES.—The above includes 5,287 feet of pipe in Stoneham and 290 feet in Wakefield, and excludes 600 feet of service pipe in Renwick Road Wakefield.

Metropolitan water pipe in Melrose, 1.09 miles of 48 inch iron pipe.  
† 22 feet of 20 inch iron pipe.

## SEWER DIVISION.

## CONSTRUCTION.

On June 27, 1905, the Board of Aldermen passed Order No. 2794, ordering sewers constructed in Sewall Woods Road, from the northerly terminus of the present sewer northerly 700 feet, in Pleasant Street from Goodvear Avenue southerly to Brazil Street, and in private way known as Goodyear Avenue from Metropolitan Sewer near track of Boston & Maine Railroad westerly to Pleasant Street.

The sewer in Goodyear Avenue proved more difficult and expensive to construct than was anticipated; the excavation was in extremely fine sand which made the crossing under the tracks of the Boston & Maine Railroad quite difficult, especially as the conditions were aggravated by the close proximity of Ell and Spot Pond Brook. This work was in progress at the time of the heavy fall of rain the first of September, when between five and six inches fell in about 36 hours, the brook overflowed its banks, broke into the trench, and necessitated doing a considerable quantity of work the second time. This rain so thoroughly saturated the ground that even after the railroad tracks and the brook were crossed, it materially effected the cost of the remainder of the work. After the passage of the order and the work of construction began, it was found that the connection of the Boston Rubber Shoe Co. factory with the sewer in Pleasant Street could and would have to be made at a point near the junction of Washington Street instead, as first contemplated, at point near Brazil Street; consequently the work was suspended, the Board of Aldermen notified, and later they passed an order No. 2794 B, rescinding so much of the former order as referred to constructing that part of the sewer in Washington Street from Pleasant Street to Brazil Street.

The owners of the only two houses on a private way leading off of Clifton Park, George A. P. Codwise and Charles A. Waggett, applied to be connected with the sewer, and as the house of Mr. Waggett could have been connected with the public sewer in Clifton Park, it was ruled by the department that this sewer was a private sewer and should be paid for by the owners of the property. Mr. Waggett and Mr. Codwise entered into an agree-

ment, gave a release of the premises to the City of Melrose, and deposited the amount of the estimated cost of performing the work. This agreement and release provided that if at any time Mr. Waggett and Mr. Codwise, each or both of them, should request of the city the removal of the sewer, that the city should in turn release back to them the rights given. It further provides that, if at any time in the future, this sewer should become a public sewer, the city of Melrose would refund to them the cost of constructing the same as paid by them.

On the opposite side of this private way are several vacant lots which at some future time may be built upon; these lots are quite low, and in order to construct this sewer so as to be of any benefit to them, it was necessary to lay it much deeper than was needed to serve the purpose of Mr. Codwise or Mr. Waggett, therefore the additional expense, amounting to \$126.04, was charged to sewer construction, as will appear upon the statement of expenditures.

#### COST OF SYSTEM.

Total cost as per last report .....	\$389,088.86
Cost of Goodyear Aveune .....	\$6,383.86
Cost of Sewall Woods Road .....	1,149.08
Cost of Clifton Park .....	126.04
	<hr/>
	7,658.98
	<hr/>
Total cost to date .....	\$396,747.84

## CANVASS OF BIDS FOR FURNISHING CITY OF MELROSE, PUBLIC WORKS DEPARTMENT, WITH SEWER PIPE AND SPECIALS.

Opened April 25, 1905.

ITEMS	QUANTITY	LIST PRICE	AMOUNT	Waldo Brothers. 102 Milk St., Boston, Mass.		M. J. Drummond & Co. 182 Broadway, New York City, N. Y.	
				DISCOUNT 65%	NET	DISCOUNT 65%	NET
20 inch pipe	170 ft.	\$2. 25	\$382. 50	\$248. 63	\$133. 87	\$248. 63	\$133. 87
18 " "	375 "	1. 70	637. 50	414. 37	223. 13	414. 37	223. 13
15 " "	1500 "	1. 35	2,025. 00	1,316. 25	708. 75	1,316. 25	708. 75
12 " "	500 "	1. 00	500. 00	325. 00	175. 00	325. 00	175. 00
10 " "	100 "	. 75	75. 00	48. 75	26. 25	48. 75	26. 25
8 " "	1200 "	. 50	600. 00	390. 00	210. 00	390. 00	210. 00
5 " "	7500 "	. 25	1,875. 00	1,218. 75	656. 25	1,218. 75	656. 25
20" x 8" ys.	8 pcs	10. 13	81. 04	52. 68	28. 36	52. 68	28. 36
18" x 8" "	24 "	7. 65	183. 60	119. 34	64. 26	119. 34	64. 26
15" x 8" "	95 "	6. 10	579. 50	376. 67	202. 83	376. 67	202. 83
12" x 8" "	60 "	4. 50	270. 00	175. 50	94. 50	175. 50	94. 50
Totals			\$7,209. 14	\$4,685. 94	\$2,523. 20	\$4,685. 94	\$2,523. 20

Contract awarded to Waldo Bros.

## CANVASS OF BIDS FOR FURNISHING CITY OF MELROSE, PUBLIC WORKS DEPARTMENT, WITH SEWER AND OTHER CASTINGS.

Opened April 25, 1905.

Items	Sessions Foundry Company Bristol Conn.		Osgood & Witherly Charlestown Mass.		Harold L. Bond Co., 140 Pearl St., Boston, Mass.		F. A. Houdlette & Son 93 Broad St., Boston, Mass.	
	Price	Amount	Price	Amount	Price	Amount	Price	Amount
36 manhole frames ..	\$6. 50	\$234. 00	\$5. 19	\$186. 34	\$6. 55	\$235. 80	\$5. 70	\$205. 20
30 manhole covers ..	3. 50	105. 00	2. 74	82. 20	2. 40	72. 00	3. 05	91. 50
50 catch-basin traps	9. 00	450. 00	4. 79	239. 50	5. 30	265. 00	6. 00	300. 00
50 catch-basin covers	2. 00	100. 00	1. 63	81. 15	1. 75	87. 50	1. 75	87. 50
Totals.....	.....	\$889. 00	.....	\$589. 69	.....	\$660. 30	.....	\$684. 20

Contract awarded to Osgood &amp; Witherly.



CANVASS OF BIDS FOR FURNISHING THE CITY OF MELROSE,  
PUBLIC WORKS DEPARTMENT, WITH 75 PIECES OF  
4-INCH STANDARD SOIL PIPE, LEADED TOGETHER  
IN 10-FOOT LENGTHS.

Opened May, 15 1905.

NAME	ADDRESS	AMOUNT
George H. Taylor.....	Melrose Hl'ds, Mass.	\$164.25
Melrose Plumbing and Heating Co.	Melrose, Mass.	167.25
Brock Bros .....	" "	179.63
Allmon Bros.....	" "	185.00
R. H. Curry.....	Melrose Hl'ds, Mass.	232.00

Order given to George H. Taylor.

GOODYEAR AVENUE SEWER.

Labor as per pay rolls .....	\$5,159.42
Highway teams @ \$1.25 per horse per day.....	\$50.60
Water division teams.....	3.38

Stock and charges:

468 ft. 10 inch sewer pipe @ 30 cts. ....	140.40
24 ft. 10 inch cast iron @ 80 cts .....	19.20
25 ps 10 x 5 sewer Y's @ \$1.36 .....	34.00
222 ft. 8 inch sewer pipe @ 20 cts .....	44.40
11 ps 8 x 5 sewer Y's @ 90 cts .....	9.90
888 ft. 5 inch sewer pipe @ 10 cts .....	88.80
1 ps 5 inch sewer Y .....	.46
49 ps 5 inch sewer bends @ 34 cts .....	16.66
35 ps 5 inch sewer stoppers @ 3 $\frac{1}{3}$ cts ..	1.17
2 yds sand @ 50 cts .....	1.00
$\frac{1}{2}$ pound powder, 3 exploders .....	.26
24 M. H. rods @ 10 cts.....	2.40
5 M. H. castings @ \$7.93 .....	39.65
9480 brick @ \$11.00 per 1000 .....	104.28
271 bags Portland cement, @ 40 cts ....	108.40
16.96 cu. yds masonry @ \$3.00 .....	50.88
Use of lumber .....	128.13



264 loads sand and gravel from Sylvan Street @ 20 cts. . . . .	\$52.80	
15 double loads crushed stone 87,000 lbs. @ 87 cts. per ton . . . . .	37.85	
Blacksmithing, repair tools, etc., per invoices . . . . .	42.70	
Hardware, suction hose, pump fittings, etc. . . . .	76.18	
F. E. Ellis, roller $\frac{1}{2}$ day . . . . .	4.50	
Buffalo Roller Co., engineer $\frac{1}{2}$ day . . . . .	1.75	
Steam boiler, 16 days . . . . .	4.00	
C. B. & F. H. Goss, coal . . . . .	29.46	
Frost & Hawes and Richardson Bros., oil . . . . .	15.02	
Boston & Maine R. R., labor, cars and lumber used in putting sewer under R. R. location . . . . .	182.28	
	<hr/>	
	\$1,290.51	
CR.		
By filling sold (included in receipt paid treasurer) . . . . .	66.07	
	<hr/>	\$1,224.44
		<hr/>
		\$6,383.86
SEWALLS WOOD ROAD SEWER.		
Labor as per pay rolls . . . . .		\$860.38
Stock and charges:		
City teams @ \$1.25 per horse per day . . . . .	\$23.91	
594 ft. 6 inch sewer pipe @ 12 cts . . . . .	71.28	
37 ps 6 inch sewer Y's @ 54 cts . . . . .	19.98	
39 ps 5 inch stoppers @ $3\frac{1}{3}$ cts . . . . .	1.30	
10 ps 5 inch sewer bends @ 34 cts . . . . .	3.40	
3 manhole castings @ \$7.93 . . . . .	23.79	
12 manhole rods @ 10 cts . . . . .	1.20	
4 cu. yds sand @ 50 cts . . . . .	2.00	
3350 brick @ \$11.00 per 1000 . . . . .	36.84	
80 lbs. powder @ 27 cts . . . . .	21.60	
100 exploders . . . . .	3.86	

12 barrels Portland cement @ \$2.00	\$24.00	
13 loads gravel from Sylvan street . . .	2.60	
Paid Frost & Hawes for oil . . . . .	5.37	
Blacksmithing and repair tools . . . . .	25.60	
Hardware and sundries . . . . .	21.97	
	<hr/>	\$288.70
		<hr/>
		\$1,149.08

## CLIFTON PARK SEWER.

Amount transferred from Private Sewer er $\frac{1}{2}\%$ on Books Public Works Dept. for stock and labor used in extending sewer, amount deduct- ed on invoice for stock No. 797, approved Oct. 12, 1905 . . . . .	\$126.04
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## SEWER CONSTRUCTION.

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Balance February 1, 1905 . . . . .	\$1,254.04
Stock on hand February 1, 1905	2,505.83
Bond issues . . . . .	10,000.00

## Receipts:

Surface drainage stock . . . . .	\$5,782.72
Water maintenance stock . . . . .	14.21
Highway maintenance stock . . . . .	190.33
Sewer maintenance . . . . .	148.24
Private sewers net . . . . .	834.28
Sewall schoolhouse . . . . .	292.01
Individual walks . . . . .	11.10
Continuous walks . . . . .	1.60
Brown tail and gypsy moth . . . . .	5.80
Main Street widening . . . . .	47.13
Cemetery department . . . . .	1.30
Paid to treasurer by W D. Hunter . . . . .	371.07
	<hr/>
	2,495.79

Private sewers amount trans- ferred $\frac{1}{2}\%$ Clifton Park . . . . .	126.04
	<hr/>
	\$16,381.70

## Expenditures:

Goodyear Avenue sewer . . . .	\$6,383.86	
Sewalls Woods sewer . . . . .	1149.08	
Clifton Park sewer . . . . .	126.04	
Stock for other divisions as per receipts . . . . .	2,495.79	
For pumps . . . . .	151.25	
For books recording deeds and advertising . . . . .	22.39	
For $\frac{1}{2}$ rent of Tremont Street yard . . . . .	175.00	
	<hr/>	\$10,503.41
Balance in treasury . . . . .	\$2,944.77	
Stock on hand February 1, 1906	2,933.52	
	<hr/>	5,878.29

NOTE:—Clifton Park extension.

Amount transferred on Public  
works department books  
for stock and labor as per  
Invoice No. 797, approved  
Oct. 12, 1905 . . . . . \$126.04

## STOCK ACCOUNT.

Stock on hand February 1, 1905 . . . . .	\$2,505.83
Invoice and Stock bought:	
Sewer pipe, per invoices . . . . .	\$903.74
Brick and cement, per invoices . . . . .	1,931.07
Cast iron soil pipe . . . . .	262.95
Castings as per invoice . . . . .	63.00
Brick mason per invoice . . . . .	50.88
Tools and repairs same per invoice . . . . .	317.70
Boston & Maine R. R., expense under R. R. location . . . . .	182.28
Powder and exploders expense . . . . .	181.94
Lumber expense . . . . .	384.40
One-half rent of Tremont Street yard . . .	175.00
Books, recording and advertising . . . . .	22.39
Coal as per invoices . . . . .	29.46

Buffalo Roller Co., engineer .....	\$1.75	
Oil and sundries .....	26.39	
Stock from other divisions .....	138.12	
Labor on stock at yard per pay rolls .....	114.19	
	<hr/>	\$4,785.26
		<hr/>
		\$7,291.09

## CR.

By stock to other divisions per receipts, ..	\$2,495.79	
By stock to Goodyear Avenue, less \$66.07		
for dirt .....	1,224.44	
By stock to Sewalls Woods Road .....	288.70	
By expense, $\frac{a}{c}$ books, etc. ....	22.39	
By tool $\frac{a}{c}$ pump. ....	151.25	
By yard rent .....	175.00	
	<hr/>	\$4,357.57
		<hr/>
		\$2,933.52

Amount due from surface drainage for		
stock .....	\$516.34	
Amount due from Sewall school for stock	70.00	
	<hr/>	\$586.34

## SEWERS BUILT TO FEBRUARY 1, 1906.

Size Pipe	LENGTH IN FEET												
Inches	1894	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	Totals
6	14,003.16	20,411.66	26,179.93	22,916.40	2,512.00	4,662.40	.....	839	585	1,188.90	695	780	94,774.45
8	5,439.89	8,020.03	15,505.79	11,817.90	1,424.00	1,530.10	.....	2,429	468	1,296.00	.....	239	48,159.71
10	1,508.02	4,968.55	2,152.38	2,946.60	.....	1,067.00	.....	2,796	1,251	.....	.....	545	17,234.55
12	949.95	1,250.69	2,407.62	5,672.64	.....	.....	.....	.....	.....	.....	.....	.....	10,280.90
15	354.80	.....	.....	3,121.73	.....	.....	.....	.....	.....	.....	.....	.....	3,476.53
18	2,715.70	.....	317.66	2,117.10	.....	.....	.....	.....	.....	.....	.....	.....	5,149.83
20	2,788.30	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,788.30
24	1,213.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	1,213.10
Brick	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
20 x 18	.....	.....	.....	3,034.94	.....	.....	.....	.....	.....	.....	.....	.....	3,034.94
20	111.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	111.00
24	28.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	28.00
Totals	29,112.29	34,650.93	46,563.38	51,627.31	3,936.00	7,259.50	.....	6,064	2,304	2,484.90	695	1,564	186,251.31

NOTE: Total length of sewers, 186,251.31 feet or 35.27 miles, 2.4 miles of which are owned and controlled by the Commonwealth of Massachusetts, but by an act of the legislature Melrose is permitted to use in the same manner as the local sewers.

## PRIVATE SEWERS.

There have been 108 sewer connections made the past year at a total cost of \$2991.80, which has been paid entirely from the collections.

## STATEMENT OF COLLECTIONS.

## DR.

To actual cost private sewers 1905 . . . .		\$3,015.37
To unsettled accounts, 1896 . . . . .	\$59.89	
"        "        1899 . . . . .	8.08	
"        "        1900 . . . . .	34.55	
"        "        1900, Main Street	81.10	
"        "        1902 . . . . .	27.41	
"        "        1903 . . . . .	51.33	
"        "        1904 . . . . .	31.52	
	<hr/>	293.88
To sundry repairs, 1905 . . . . .		8.16
sewer construction, sundry collections		371.07
sewer maintenance, "        "		299.35
		<hr/>
		\$3,987.83

## CR.

By cash paid treasurer, account private sewers . . . . .	\$2,989.41	
By cash paid treasurer, account con- struction . . . . .	371.07	
By cash paid treasurer, account main- tenance . . . . .	299.35	
By unsettled accounts, 1905 . . . . .	67.83	
"        "        1904 . . . . .	31.52	
"        "        1903 . . . . .	38.47	
"        "        1902 . . . . .	27.41	
"        "        1900 . . . . .	34.55	
"        "        1900, Main Street	60.25	
"        "        1899 . . . . .	8.08	
"        "        1896 . . . . .	59.89	
	<hr/>	\$3,987.83



There are 2,738 buildings on the line of the sewers, 2,369 of which are connected with the sewers, located as appears from the following list:

## LIST OF BUILDINGS ON LINE OF SEWERS, 1905.

LOCATION	Number of Buildings			LOCATION	Number of Buildings		
	Tributary to the Sewer	Connected	Not Connected		Tributary to the Sewer	Connected	Not Connected
Adams St. ....	23	23	0	Cliff St. ....	2	2	0
Ainsworth Pl. ....	2	2	...	Clifton Pk. ....	2	...	2
Albion St. ....	15	10	5	Clifton Pk. Pl. ....	2	2	0
Allen Pl. ....	8	8	...	Corey Pl. ....	1	1	0
Appleton St. ....	5	4	1	Cottage St. ....	25	23	2
Apthorp Rd. ....	4	4	...	Crescent Ave. ....	29	26	3
Argyle St. ....	5	5	0	Crescent Pl. ....	6	6	...
Ashland St. ....	28	21	7	Crystal St. ....	5	4	1
Ashmont St. ....	8	8	0	Cutter St. ....	10	9	1
Ashmont Pk. ....	4	4	0	Day St. ....	0	0	0
Auburn St. ....	10	9	1	Damon Ave. ....	2	2	0
Avon St. ....	6	6	...	Dell Ave. ....	16	14	2
Bartlett St. ....	9	9	...	Dill's Court. ....	5	3	2
Batchelder St. ....	15	15	...	Eastman's Pl. ....	2	2	0
Baxter St. ....	21	21	0	Eighth St. ....	5	5	0
Beech Ave. ....	20	9	11	Elliott St. ....	3	2	1
Bellevue Ave. ....	33	32	1	Elm St. ....	16	15	1
Belmont St. ....	4	3	1	Ellsworth Ave. ....	9	9	0
Berwick St. ....	9	9	0	Emerson St. ....	90	87	3
Beverly St. ....	8	8	...	Emerson Pl. ....	6	6	0
Boardman Ave. ....	11	8	3	Essex St. ....	39	28	11
Botolph St. ....	15	13	2	Everett St. ....	10	9	1
Briggs St. ....	3	3	0	Fairmount St. ....	16	5	11
Brown St. ....	1	1	...	Farwell Ave. ....	2	2	...
Brunswick Pk. ....	3	3	...	Faulkner Pl. ....	6	3	3
Belmont Pl. ....	5	5	0	Faxon St. ....	4	4	0
Berwick Pl. ....	1	1	0	Ferdinand St. ....	9	6	3
Brunswick Way. ....	1	1	0	Felton Pl. ....	2	2	...
Burrell St. ....	5	0	5	Field's Court ....	4	4	...
Cass St. ....	18	18	0	First St. ....	33	29	4
Cedar Pk., N. and E. ....	14	13	1	Fletcher St. ....	4	4	0
Cedar Pk., S. ....	5	5	0	Florence St. ....	33	31	2
Central Terrace. ....	5	5	...	Florence Ave. ....	4	2	2
Charles St. ....	8	8	0	Foster St. ....	92	90	2
Chipman Ave. ....	6	3	3	Frances St. ....	12	12	...
Chestnut St. ....	9	7	2	Franklin St. ....	88	78	10
Chestnut Pk. ....	6	5	1	Franklin Terrace ....	6	5	1
Chester St. ....	11	11	0	Frost Ave. ....	6	5	1
Cherry St. ....	4	3	1	Garden St. ....	6	6	0
Circuit St. ....	11	11	...	Gibbons St. ....	2	2	0
Cleveland St. ....	28	27	1	Glen Ave. ....	4	2	2

## LIST OF BUILDINGS ON LINE OF SEWERS.—Continued.

LOCATION	Number of Buildings			LOCATION	Number of Buildings		
	Tributary to the Sewer	Connected	Not Connected		Tributary to the Sewer	Connected	Not Connected
Goodyear Ave.....	1	1	0	Owego Pk. ....	2	2	0
Gooch St.....	15	14	1	Parker St.....	7	7	0
Goss Ave.....	6	6	0	Pearl St. ....	15	14	1
Gould St. ....	6	6	...	Perham Ave. ....	4	4	0
Green St. ....	41	37	4	Perkins St. ....	3	3	0
Greenwood St. ....	16	13	3	Pine St.....	8	6	2
Grove St. ....	97	76	21	Pleasant St.....	22	20	2
Grove Pl. ....	4	4	...	Porter St. ....	14	14	0
Grundy St. ....	4	4	...	Poplar St. ....	10	7	1
Harvard St.....	7	5	2	Potter St. ....	1	1	0
Hawes Ave. ....	3	2	1	Pratt St. ....	6	6	0
Henry Ave. ....	8	7	1	Prospect St. ....	11	4	7
Heyward Ave. ....	7	5	2	Rendall Ct.....	2	2	0
Herbert St.....	6	6	...	Richardson Rd. ....	12	8	4
High St., N. ....	9	9	0	Rockland St. ....	11	8	3
High St., S. ....	9	9	...	Rowe St.....	33	26	7
Highland Ave. ....	29	27	2	Russell St. ....	14	10	4
Hillside Ave. ....	19	19	0	Sanford St. ....	13	13	0
Holbrook Ct. ....	7	5	2	Sargent St. ....	29	26	3
Howard St.....	14	11	3	Sewall St. ....	8	8	0
Howie Ct. ....	9	7	2	Sewall Woods Rd.....	5	2	3
Hurd St. ....	12	10	2	Short St. ....	3	3	0
Ingalls Ct.....	3	2	1	South Ave. ....	10	7	3
Irving St.....	13	4	9	Stevens Pl. ....	7	7	0
Kimball Ct. ....	3	1	2	Summer St. ....	16	11	5
Lake Ave.....	19	18	1	Summit Ave. ....	5	4	1
Larrabee St. ....	1	...	1	Tappan St. ....	21	21	0
Larrabee Pl. ....	3	3	0	Tremont St. ....	55	29	26
Laurel St. ....	24	23	1	Trenton St. ....	45	45	0
Lebanon St. ....	64	62	2	Union St. ....	13	8	5
Linden St. ....	7	5	2	Upham St.....	46	43	3
Linden St., W.....	6	5	1	Vine St. ....	11	11	0
Linden Pl. ....	5	3	2	Vinton St. ....	49	44	5
Linwood Ave. ....	27	24	3	Walnut St. ....	1	1	0
Lynde St. ....	32	30	2	Walnut Pk. ....	24	14	10
Main St. ....	174	159	15	Warren St. ....	10	8	2
Malvern St. ....	22	14	8	Warwick Rd. ....	5	3	2
Maple St. ....	30	27	3	Washington St.....	15	12	3
Melrose St. ....	39	34	5	Waverly Pl.....	12	12	0
Melrose Pl. ....	6	5	1	West Hill Ave. ....	10	5	5
Meridian St. ....	12	11	1	Whitman Ave. ....	3	3	0
Mt. Vernon St. ....	8	6	2	Whittier St. ....	18	18	0
Mt. Vernon Ave. ....	7	7	0	Willow St. ....	8	8	0
Myrtle St. ....	38	38	0	Winter St. ....	3	3	0
Mystic Ave. ....	17	15	2	Winthrop St.....	19	16	3
North Ave. ....	9	6	3	Winthrop Pl.....	7	3	4
Norris Ct. ....	2	1	1	Woodland Ave.....	12	6	6
Oakland St. ....	17	14	3	Wyoming Ave. ....	56	54	2
Olive Ct. ....	1	1	0	Wyoming Pk. ....	1	1	0
Orient Ave. ....	13	10	3	York Terrace ....	11	8	3
Orient Pl. ....	4	4	0	Youle St. ....	18	16	2
Orris St. ....	18	13	5				
Otis St. ....	16	16	0	Totals .....	2738	2369	368

NOTE.—Abandoned 5 New Connections, 108.

## SUMMARY OF ALL PRIVATE SEWERS CONSTRUCTED TO FEBRUARY 1, 1906.

YEAR	Total length in miles	Average cut in feet	Average cost per foot	Excavation		Cost per cu yd.	
				Earth, cu. yds.	Rock, cu. yds.	Earth	Rock
1895.....	2.096	6.33	\$0.4845	7,736.00	.....	\$0.441	.....
1896.....	4.042	6.03	.4543	14,303.00	190.2	.377	\$4.50
1897.....	2.966	6.07	.3933	10,557.00	35.0	.387	4.50
1898.....	2.073	5.56	.45	6,663.71	101.5	.444	2.90
1899.....	4.349	5.83	.4589	14,684.00	196.7	.380	4.00
1900.....	2.480	5.88	.4609	8,541.00	85.0	.413	4.50
1901.....	1.083	5.88	.4746	2,595.00	135.0	.479	4.50
1902.....	0.879	5.80	.44	2,836.00	25.0	.390	4.00
1903.....	0.811	6.13	.482	2,845.00	28.0	.491	4.00
1904.....	0.777	5.95	.505	2,647.00	32.0	.470	4.50
1905.....	0.945	6.05	.521	3,293.00	30.0	.500	4.50
Averages and Totals	22.501	5.96	.466	76,700.71	858.40	.434	4.19

1. Number of private sewers constructed in 1905.....108

2. Number connected with State sewer ..... 8

(Item 1 includes item 2.)

## CLASSIFIED LIST OF ALL BUILDINGS CONNECTED WITH THE PUBLIC SEWERS, FEBRUARY 1, 1906.

DESCRIPTION	1895	1896	1897	1898	1899	1900	1901	1902	1903	1904	1905	Totals
Single houses .....	164	362	264	181	400	239	100	70	67	69	92	2,008
Double houses.....	26	47	31	20	37	13	6	15	11	13	9	223
Blocks, stores and tenements.....	17	18	10	5	13	6	3	1	0	5	2	80
Tenement blocks of 4 or more tenants	3	0	11	4	7	0	2	0	0	0	0	27
Churches .....	3	1	0	0	0	1	0	0	1	0	0	6
Club houses .....	1	0	0	0	0	0	0	0	0	0	0	1
Public buildings ....	1	5	4	3	0	0	0	0	2	0	0	15
Hospital.....	1	0	0	0	1	0	0	0	0	0	0	2
Railroad stations....	1	1	0	2	0	0	0	0	0	0	1	5
Fire stations.....	1	0	0	1	0	0	0	0	0	0	0	2
Mills and factories...	0	1	1	1	0	0	0	0	0	0	2	5
Hotels and boarding houses .....	1	1	0	1	0	0	0	0	0	0	1	4
Stables .....	1	0	1	0	1	0	1	1	0	0	1	6
Private school.....	0	0	0	0	0	1	0	0	0	0	0	1
Laundry .....	0	0	0	0	0	1	0	0	0	0	0	1
Totals.....	220	436	322	218	459	261	112	87	81	87	108	2,391

NOTE.—Total number of connections to date..... 2,391

Abandoned and double connections..... 36

Total main sewer connections in use .....2,355

## PRIVATE SEWERS.

Balance February 1, 1905 . . . . .		\$21.39
Receipts paid to treasurer:		
May 9, 1905 . . . . .	\$500.00	
May 11, 1905 . . . . .	200.00	
May 18, 1905 . . . . .	100.00	
May 25, 1905 . . . . .	200.00	
June 14, 1905 . . . . .	300.00	
August 10, 1905 . . . . .	400.00	
October 11, 1905 . . . . .	400.00	
October 18, 1905 . . . . .	150.00	
October 31, 1905 . . . . .	200.00	
December 19, 1905 . . . . .	200.00	
February 23, 1906 . . . . .	339.41	
February 5, 1906, sewer maintenance for relay Oakland Street . . . . .	27.53	
February 23, 1906, by treasurer from cemetery department . . . . .	.87	
		3,017.81
		<hr/>
		\$3,039.20

## Expended:

Labor as per pay rolls . . . . .	\$2,001.30	
Highway division, teams . . . . .	81.51	
Water division, use boiler . . . . .	.50	
Sewer construction, stock (net bill No, 797)*	834.28	
Melrose Club stable, use horse and buggy	7.50	
J. Martin, 4.79 cu. yards brick masonry	14.37	
Allmon Bros., labor on Linwood Avenue	1.75	
E. O. Childs, recording deeds . . . . .	2.06	
Brock Bros., oil can . . . . .	1.10	
T. Norris Company, concrete repairs . . . .	9.23	
W. J. McCoubry, repair tools, etc . . . . .	38.20	
		2,991.80
		<hr/>
Balance in treasury . . . . .		\$47.40

\*Sewer Construction, Clifton park. Dr.

To transfer on books of Public Works Department for stock and labor used in extending sewer, amount deducted in bill No. 797, approved Oct. 12, 1905 .....	\$126.04
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## SEWER MAINTENANCE.

Balance February 1, 1905 .....	\$322.17
Appropriation .....	500.00
Highway division. Error in charging J. Riley's time Sept. 5 .....	13.00
Cash paid treasurer by W. D. Hunter ...	299.35
	<hr/>
	\$1,134.52

## Expended:

Labor as per pay rolls .....	\$765.99
Sewer construction, stock .....	148.24
Private sewers, relay sewer, Oakland Street .....	27.53
Water division, stock .....	5.94
Highway division, teams .....	72.98
C. L. Hoffman, pumping out manhole, Highland Avenue .....	3.00
Jos. Edwards, repair team .....	10.35
Brock Bros., stock and labor So. Avenue sewer .....	7.31
H. Bond, sewer brushes .....	7.35
Perrin Seamans & Co., sewer brushes and rope .....	9.75
W. J. McCoubry, repair rods .....	3.40
	<hr/>
	1,061.84
	<hr/>
Balance in treasury .....	\$72.68



## HIGHWAYS.

It might be interesting in connection with this subject to review in a general way the expenditures for this purpose the past thirteen years as compared with the expenditures of some of the other departments of the city.

Year	Charity Department	Fire Department	Health Department	Police Department	School Department	Sidewalks	Highways
1892	\$9,332	\$5,191	\$1,033	\$6,028	\$41,762	\$3,778	\$27,147
1893	7,396	9,064	1,280	6,967	43,235	4,213	30,794
1894	9,088	8,450	1,476	8,210	47,533	4,170	20,326
1895	8,198	9,010	1,791	8,691	49,683	4,274	25,607
1896	8,370	9,219	2,016	9,694	55,127	4,440	28,962
1897	9,083	9,065	1,931	10,120	70,004	6,307	22,954
1898	10,938	12,064	1,912	10,519	71,547	4,602	28,143
1899	11,887	11,511	2,072	11,434	72,583	3,832	27,846
1900 †	12,302	12,513	2,730	12,485	84,823	2,588*	22,820
1901	11,694	10,324	3,517	11,898	81,539	5,152*	27,902
1902	13,866	11,087	11,920	12,559	81,178	5,689*	28,820
1903	13,633	12,996	6,497	12,499	84,719	5,135*	21,329
1904	11,280	12,952	3,788	12,694	84,927	5,027*	21,328

\*Includes Curbing.

†Expenditures cover 13 months.

Upon an examination of the above table it will appear that the money expended by all of the other departments has steadily increased while that for the highways has either remained the same or has been reduced from \$30,794.00 in 1893 to \$21,328.00 in 1904. Since 1893 most of the streets have been dug up for the purpose of laying main sewers and nearly all of the houses have been connected with the same; in addition to this, gas mains and services have been extended, water mains and service pipes have been renewed, all of which necessitated the digging up of the streets, and probably in no other period of ten years since the incorporation of the town in 1850 have the streets been so generally dug up or disturbed, this alone would seem to necessarily require an increased expenditure in the highway department. Other changes have taken place which either make the work more expensive or place additional liabilities upon the department. For instance, the change in the law relative to street



railways in 1898 relieved all of these companies from the care of any portion of the surface of the street through which their tracks were laid and placed it upon the various municipalities; in 1900 the length of the working day was changed from 9 to 8 hours, and the price of wages was increased from \$1.75 to \$2.00 per day; in addition to this there has been a general increase in the price of nearly all of the material or commodities used,—oats, hay, coal, tools, etc., and there has been no corresponding increase in the amount of money appropriated, but on the other hand the amount has been diminished so that at the present time the appropriation is barely sufficient to provide for the care of the highways and minor repairs. It must be remembered that this appropriation includes the removal of snow and ice, plowing and sanding sidewalks; trimming and removal of dead trees; construction, care and repair of bridges and culverts; cleaning of crossings, catch-basins, brooks and drains; paving of gutters; placing of street signs; purchase and care of all teams repairs to crusher, road-roller and steam drills; and many other minor matters, and in the year 1905 the appropriation also included all repairs to sidewalks, out of which was expended for rebuilding the walk in front of the Public Library alone the sum of \$400.00. All of these items of expense, together with that of cleaning the gutters, although in themselves small, practically require the entire appropriation, and unless some of them are slighted or omitted it is impossible to reconstruct or macadamize any street or to pave any gutters; therefore, unless this appropriation is very materially increased, the same unsatisfactory condition of the highways must continue.

The condition of the streets is an index to the character of the settlement, and in no way can the expenditure of the public money give greater satisfaction than in improving the highways; it is not only a convenience and necessity, but adds to the appearance of thrift and increases the value of adjoining estates, and it must be apparent to all who have given the matter any thought whatever, that this important branch of the public service has been neglected in order that other branches might continue to grow and progress; notice, for instance, the increase in the 13 years from 1892 to 1904 in the Charity Department from \$9,332.00 to \$11,280.00, in the Fire Department from \$5,191.00

to \$12,952.00, in the Health Department from \$1,033.00 to \$3,788.00, in the Police Department from \$6,028.00 to \$12,694.00 and in the School Department from \$41,762.00 to \$84,927.00, and a reduction in the Highway Department from \$27,147.00 to \$21,328.00. When this decrease is considered in connection with the other matters previously mentioned, namely—shortening of the hours for work, increase in pay of laborers, increased cost of materials and the loss of any assistance from the street railway companies, it is surprising that the condition of the highways is no worse.

#### SOUTH AVENUE.

On June 5, 1905, the Board of Alderman passed Order No. 2474 laying out as a public highway South Avenue, ordering the same built under the betterment act, and appropriating \$2,000.00 therefor. Upon executing the work it was found that a great deal more ledge was encountered than was anticipated, and further that no releases were obtained from the abutters for damage to the adjoining property, consequently, the work cost \$2,880.18 or \$880.18 more than the amount appropriated, which amount was paid out of the highway appropriation. For detail of expenditures see page No. 00.

Following is a detailed statement of the expenditures for all purposes, including roller, crusher and stable accounts.

#### HIGHWAY MAINTENANCE AND GENERAL REPAIRS

Stock as per report February 1, 1905 . . .	\$289.90	
CR.		
By amount from Melrose Common %		
1549 loads gravel . . . . .	154.90	
	<hr/>	\$135.00
Balance excise tax 1904 . . . . .		1,043.23
Excise tax 1905 . . . . .		1,882.43
Appropriation . . . . .		21,500.00
		<hr/>
		\$24,560.66

Receipts and transfers for stock and teams credited in detail accounts, see tables, viz:

From South avenue for labor, stock and teams .....	\$1,966.00
“ Main street widening, stock and teams .....	4,373.47
“ water division, stock and teams ...	40.12
“ continuous sidewalks, stock and teams .....	3.75
“ private sewers, stock and teams ...	81.51
“ sewer construction, stock and teams .....	125.14
“ sewer maintenance, stock and teams .....	72.98
“ surface drainage, stock and teams	183.78
“ Melrose Common, stock .....	155.18
“ school fund .....	5.01
“ sundries collected by W. D. Hunter .....	194.08
	<hr/>
	\$7,201.02

Expended:

For street repairs, (see page 50) .....	\$10,316.25
“ macadam streets, see table No. IV	4,749.84
“ minor repairs and general maintenance (see page 52) .....	2,094.77
“ guard rail and fencing, (see page 53)	532.71
“ paving square, Main and Emerson streets, (see page 54) .....	326.05
“ paving gutters, (see table V) .....	1,313.39
“ sidewalk repairs, (see page 56) ....	3,303.37
“ bridges, culverts and brooks, (see page 58) .....	179.15
“ expense account, (see page 62) ....	262.03
Amount paid from appropriation on account South Avenue ... ..	895.49

Amount due from Sewall School for teams and stock .....	\$109.50	
Amount due from Melrose Common for gravel .....	135.00	
	<hr/>	24,217.55
Treasury balance .....	\$294.08	
Stock balance .....	49.03	
	<hr/>	\$343.11

## STREET REPAIRS AND MAINTENANCE.

STREET	Days Rolling	Loads Moved on Street	Loads Gravel	Pounds Crushed Stone	Invoices and Material	City teams at \$1.25 per horse	Labor per Pay Roll	Total Cost
Appleton.....	.....	.....	70	.....	\$7.00	\$15.00	\$68.00	\$90.00
Crystal.....	.....	.....	48	.....	9.60	20.00	30.25	59.85
Emerson.....	2	.....	.....	106,050	65.88	5.00	10.66	81.54
Essex.....	1	.....	36	148,200	80.66	9.99	29.50	120.15
Ferdinand.....	.....	8	.....	.....	.....	1.25	3.13	4.38
First.....	1½	.....	.....	11,700	18.59	7.18	111.01	136.78
Fletcher.....	change grd	.....	.....	.....	.....	.....	14.25	14.25
Florence.....	reps walk	.....	32	33,600	21.02	16.88	27.01	64.91
Foster.....	"	.....	135	.....	14.25	16.57	85.65	116.47
Franklin.....	1	.....	4	45,000	24.98	6.25	18.75	49.98
Grove.....	.....	.....	76	55,000	31.52	26.26	105.80	163.58
Highland Ave E.....	1½	.....	fr. Main St	.....	22.13	.....	31	98.43
Hurd.....	.....	.....	28	34,800	20.74	16.87	18.19	55.80
Lebanon.....	.....	.....	.....	13,500	5.87	1.25	2.25	9.37
Leeds.....	.....	.....	12	.....	1.20	4.37	9.00	14.57
Linwood avenue.....	.....	.....	.....	10,000	4.35	.75	1.50	6.60
Main.....	.....	.....	28	189,500	85.23	21.08	48.17	154.48
Mt Vernon.....	.....	.....	18	.....	1.80	5.62	24.00	31.42
Orris.....	.....	.....	.....	.....	.....	.....	1.12	1.12
Perkins.....	.....	94	110	.....	11.00	43.75	135.00	189.75
Pleasant.....	.....	.....	94	32,990	32.75	37.31	61.49	131.55
Poplar.....	.....	.....	.....	.....	.....	1.25	17.38	18.63
Sixth.....	.....	.....	42	.....	420	5.62	41.61	51.43

## STREET REPAIRS AND MAINTENANCE.—Continued.

	..... lower grd.	59	99	.....	\$9.90	\$22.50	\$129.75	\$162.15
Swain's Pond avenue	.....	.....	.....	.....	.....	44.22	196.78	241.00
Sylvan.....	.....	.....	.....	.....	.....	3.75	13.00	30.45
Tremont	.....	.....	.....	.....	.....	1.25	2.13	13.12
Uplam	.....	.....	.....	.....	.....	.....	.....	.....
Walton park	.....	100' 10" c.i. pipe 395 cu. yd	42	.....	397.95	32.51	151.19	581.65
Winthrop.....	.....	.....	.....	.....	4.35	.75	1.50	6.60
Woodland avenue	.....	.....	4	.....	37.40	2.50	3.00	5.90
Wyoming avenue	.....	.....	60	55,790	37.27	31.72	49.03	118.02
Catch basins cleaned	.....	.....	.....	.....	2.10	33.13	334.09	369.32
Catch basins repaired	.....	.....	.....	.....	17.29	5.83	68.82	91.94
Trimming trees.....	.....	.....	.....	.....	31.00	46.25	250.37	327.62
Street signs	.....	.....	.....	.....	18.00	.....	.....	18.00
Cleaning streets	.....	.....	.....	.....	.....	311.87	3,275.95	3,587.82
Removal of snow	.....	.....	345	.....	145.84	349.77	2,336.82	2,832.43
Tool account	.....	.....	.....	.....	265.19	.....	.....	265.19
Total	.....	.....	.....	788,530	\$1,415.50	\$1,148.61	\$7,752.14	\$10,316.25



STREETS MACADAMIZED.

Table No. IV

Item	Street	From	To	Days Rolling	MEASUREMENTS			Loads Gravel	Pounds Crushed Stone	Invoices and Material	City Teams at \$1.25 per Horse	Labor as per Pay Roll	Total Cost
					Length	Width	Sq. Yds.						
1	Bartlett	Francis	Everett	1	390	2.4	1,040	134	64,450	\$42.14	\$5.00	\$55.56	\$102.70
2	Briggs	Main	Sargent	2	320	26	924	.....	92,810	50.37	5.01	85.83	141.21
3	Elm	Howard	Linden	10	1,090	20	2,422	14	483,080	306.82	22.04	334.41	663.27
4	Francis	Pleasant	Crescent	1½	685	24	1,826	48	53,050	65.73	6.87	40.58	113.18
5	Franklin	Green'd	Apthorp	10	570	10.5	665	3	335,610	216.22	38.76	342.24	597.22
6	"	Tremont	R.R. tr'k	.....	180	10.5	210	.....	121,290	57.76	2.50	25.00	85.26
7	Green	Porter	200 ft. n.	1	200	20	148	.....	201,600	131.02	11.24	193.70	335.96
8	Hillside *	Em'son	Bellevue	3½	915	24	2,440	370	2,948,890	164.516	84.64	981.24	2,711.04
9	Main	Porter	Mt Ver'n	34	500	910	505	192	10,734,080	charged to Main St. Widening			
10	"	"	Wak. illine.		3,505	18.20	7,088	558					
11	"	"	Wak. "		4,536	18.20	9,173						
12	"	"	Sargent	105½	450	9.10	455						
13	Highland *	Main	150 ft. s.		310	26.00	895						
14	Green	Main			150	20.00	333						
	Totals			168½	13,801	259.60	28,124	1,319	15,034,860	\$2,515.22	176.06	\$2,058.56	\$4,749.84

\* Avenues

## MINOR REPAIRS AND GENERAL MAINTENANCE.

	Days Rolling	Loads Gravel	Lbs. Crushed Stone	Value Material	Teams	Labor	Total Cost
Minor repairs %	17	68	234,550	\$332.37	\$96.03	\$1,080.00	\$1,508.40
Stable % (see page 64)				2,607.77		334.42	2,942.19
Roller % (see page 63)				252.25		20.00	272.25
Crusher % (see page 65)				1,907.32	180.62	5,376.35	7,464.29
				\$5,099.71	\$276.65	\$6,810.77	\$12,187.13
CR.							
Minor repairs, collection paid Treasurer						\$89.72	
Stable account, collection and transfers						3,038.04	
Roller "						941.87	
Crusher "						6,022.73	
							\$10,092.36
Minor repairs and sundry charges							
W. H. Martin for services balance on water account						1,475.89	
James Marshall for services balance on streets						465.00	
						153.88	
							\$2,094.77
							\$2,094.77

## GUARD RAILS AND FENCING.

Location	For What Expended	Value Material	City Teams at \$1.25 per Horse	Labor per Pay Rolls	Total Cost
Highland avenue.....	Paid D. H. Howie stock and labor .....	\$31.93	.....		\$31.93
Winthrop place .....	Paid Deering Lumber Co.....	4.34	\$1.25	\$4.25	9.84
Painting rails .....	Ferdinand and Park streets .....	.....	.....	4.50	4.50
Main street at Ell pond ..	56 bags cement, 5 yards sand .....	24.90	.....		
	2 wall stone from crusher .....	1.50	.....		
	130' coping from Lombard's .....	162.50	.....		
	Iron posts, McCoubry .....	29.59	.....		
	D. H. Howie, labor and stock .....	49.70	.....		
Reading Hill avenue.....	Labor and teams on wall .....	\$268.19	4.53	88.35	361.07
	13 bags cement, 3 yds. sand .....	6.70	8.13	49.78	
	Stone from school lot .....	60.76			
	D. H. Howie, labor and stock .....				
		\$67.46	\$8.13	\$49.78	125.37
					\$532.71

## PAVING SQUARE MAIN AND EMERSON STREETS.

	Bags Cement	Block Pavers	Crushed Stone	Granite	Material	City Teams	Labor	Total
Paving square.....		3,565	37,000	.....	\$247.54	\$8.59	\$123.17	\$379.30
Relay crossing .....	105			30 ft. new flag 30 ft. old flag 2 yds. sand	1.50	.....	45.25	46.75
Granite taken from City Hall yard .....					\$249.04	\$8.59	\$168.42	\$326.05

GUTTERS PAVED.

Table No. V

Item	LOCATION			Length	Sq. yds.	Block Pavings	Sand and Cobble Loads	Crushed Stone Pounds	Sq. yds. Concrete	COST		Labor as per pay roll	Total
	Street	From	To							Materials	City Teams \$1.25 per horse		
1	Ashmont.....	Pleasant	Crescent	575	213	400	106	.....	.....	6.10	\$16.56	\$153.58	\$176.24
2	Grove .....	at No. 264	.....	70	23	825	4	.....	.....	.....	1.56	13.22	14.78
3	Highland av...	Main	Sargent	310	115	400	38	.....	.....	.....	10.00	77.07	87.07
4	Foster .....	near Gooch	.....	248	82.5	24	45	.....	.....	4.50	11.24	60.44	76.18
5	Main .....	Grove North	.....	480	160	5,663	16	.....	.....	3.20	5.00	90.87	99.07
6	North avenue.	at Stand pipe	.....	20	18	400	2	.....	.....	1.00	1.40	14.91	17.31
7	Pleasant.....	" "	.....	20	18	10	.....	.....	.....	.....	.....	7.38	7.38
8	Porter .....	East	School	730	.....	1,055	4	5,600	244	158.25	8.13	65.31	231.69
9	*Vinton.....	at Orris	.....	150	50	14	.....	Relaid	.....	.....	3.44	37.45	40.89
10	†Walton park.	South Orris	.....	575	213	1,200	125	.....	.....	13.30	56.89	384.12	454.31
11	" "	North	.....	400	148	600	56	.....	.....	6.00	13.75	88.72	108.47
12	Wyoming av.	at Stand pipe	.....	80	40	.....	.....	.....	.....	.....	.....	.....	.....
13	†South avenue	.....	.....	680	252	.....	.....	.....	.....	.....	.....	.....	.....
14	†Main st. ....	Porter	Wakefield	6,614	2204.5	.....	.....	.....	.....	.....	.....	.....	.....
Totals.....				10,952	3537.0	10,567	420	5,600	244	\$192.35	\$127.97	\$993.07	\$1,313.39

\*Avenue

†Park

## SIDEWALK REPAIRS.

	CURBING		Bags Cement	Loads Gravel	Sq. feet Granolithic	Sq. yds. C'ncr'te	Material	Teams	Labor	Total
	Straight	Curved								
Appleton street	.....	.....	.....	22	.....	.....	\$2.20	\$4.37	\$23.63	\$30.20
Crescent avenue	.....	.....	.....	92	.....	.....	4.84	15.00	40.25	61.09
Emerson street, East	130.65	153.17	.....	18	.....	.....	194.37	5.31	145.99	345.67
Franklin street	.....	.....	.....	.....	653.46	.....	120.89	.....	.....	120.89
Gooch street	.....	.....	.....	18	.....	.....	3.60	.94	24.15	28.69
Highland av. at Sargent	6.00	16.50	.....	.....	.....	.....	16.12	.....	.....	16.12
Lynde street	.....	.....	.....	50	.....	.....	10.00	11.56	10.41	31.97
Main street	27.70	15.11	.....	40	.....	.....	43.13	12.50	21.88	77.51
Melrose street	.....	.....	.....	108	.....	.....	21.60	35.62	50.75	107.97
Orris street	12.00	17.30	.....	.....	.....	.....	20.14	.....	.....	20.14
Public Library	.....	.....	.....	.....	2,016.72	.....	.....	.....	.....	.....
South avenue	.....	.....	.....	†20.40	†715.72	.....	381.33	1.25	16.37	398.95
Upham street	108.00	122.40	.....	16	.....	.....	1.60	.....	8.38	9.98
Vine street	18.00	26.92	4	.....	.....	.....	157.36	2.50	66.78	226.64
Vinton street	54.22	57.50	1	.....	.....	.....	30.53	.....	12.75	43.28
Walton park (sodding)	.....	.....	.....	.....	.....	.....	82.67 }	.....	.....	.....
*Concrete repairs	.....	.....	.....	.....	†165.4	.....	17.75 }	15.00	41.12	156.54
Concrete advertising	.....	.....	.....	.....	.....	.....	46.62	.....	.....	46.62
Repair brick walk	.....	.....	.....	.....	.....	.....	1,530.13	.....	3.50	1,533.63
Re-set curb	.....	.....	.....	.....	.....	.....	15.08	.....	.....	15.08
	.....	.....	.....	.....	.....	.....	1.56	.62	26.97	29.15
	.....	.....	.....	.....	.....	.....	.....	.....	3.25	3.25
	.....	.....	.....	.....	.....	.....	\$2,701.52	\$104.67	\$497.18	\$3,303.37

\* \$56.93 of this item should have been charged to continuous walks.

† Credit given for brick to S. D.

‡ Sodding.

TABLE SHOWING EXPENDITURES FOR CONCRETE IN DETAIL.

LOCATION	New yds.	Am't at .475	Repairs yds.	Am't at .475	Top dress- ing yds.	Am't at .275	Total
Emerson St. ....			60.00	\$28.50	38.00	\$10.45	\$38.95
Porter St. ....	92.00	43.70	16.00	7.60	158.00	43.45	94.75
Main St. ....	105.00	49.85	60.00	28.50			77.35
Walton Park. ....	320.00	152.00			3.00	.82	152.82
Orient Ave. ....			8.00	3.80	185.00	50.87	54.67
North Ave. ....	145.00	68.87			58.00	15.95	84.82
Green St. ....			4.00	1.90	138.51	38.16	40.06
Melrose St. ....			39.70	18.86	300.00	82.50	101.36
Ashland St. ....			3.00	1.42	174.00	47.85	49.27
Chestnut St. ....			25.00	11.87	300.00	82.50	94.37
Wyoming Ave. ....			35.00	16.62	56.00	15.40	32.02
Summer St. ....			4.00	1.90	88.00	24.20	26.10
Grove St. ....			25.00	11.85			11.85
Florence St. ....					200.00	55.00	55.00
Cottage St. ....			8.00	3.80	130.00	35.75	39.55
Trenton St. ....			102.00	48.45	90.00	24.75	73.20
Rowe St. ....			9.00	4.27	156.00	42.90	47.17
Beverly St. ....					245.00	67.37	67.37
Bellevue Ave. ....			15.00	7.12	245.00	67.37	74.49
Foster St. ....			75.00	35.62	30.00	8.25	43.87
Vinton St. ....	62.00	29.45	40.00	19.00	76.00	20.90	69.35
Cedar Park. ....	90.00	41.95			17.00	4.67	46.62
Scattered ....			94.25	44.77	190.62	52.42	97.19
Labor .....							3.50
Continuous. } walks by } mistake }	119.87	56.93					56.93
Total .....	933.87	\$442.75	528.70	\$295.85	349.53	\$791.53	\$1,533.63

## REPAIR BRIDGES AND CULVERTS AND CLEANING BROOKS.

	Value Material	City Teams at \$1.25 per horse	Labor	Total Cost
Highland Ave., East 49' x 7½' granite from yard, 4 bbls. cement	\$6.80	\$4.38	\$47.67	\$58.85
East Foster St. ....	.75	.78	3.53	5.06
Warren St. ....		1.25	3.37	4.62
Cleaning brook .....		.62	110.00	110.62
Total .....	\$7.55	\$7.03	\$164.57	\$179.15



## SOUTH AVEUNE.

Appropriation .....	\$2,000.00
Amount transferred from highways	895.49
	<hr/>
	\$2,895.49

## Expended:

## For blasting out, rolling and macadamizing:

labor as per pay rolls . . . . .	\$2,224.28
city teams charged @ \$1.25	
per horse per day . . . . .	164.68
use steam drill and boiler . . . .	42.00
coal . . . . .	28.40
powder and exploders . . . . .	52.08
damages repaired . . . . .	5.60
repair drills and tools . . . . .	19.74
steam roller, 10 $\frac{3}{4}$ days . . . . .	51.88
622,820 lbs. crushed stone @	
87 cts. per ton . . . . .	270.91
brick and cement . . . . .	7.90
	<hr/>
	\$2,867.47

labor paving gutters . . . . .	\$124.85
city teams . . . . .	16.25
	<hr/>
	141.10

## For building wall 18 So. Avenue:

23 bags cement, 2 yds. sand . .	\$10.20
labor as per pay rolls . . . . .	26.87
	<hr/>
	37.07

## For building wall at A. C. Goss's:

16 bags cement, 2 yds. sand . .	\$6.40
labor as per pay rolls . . . . .	16.75
	<hr/>
	23.15

## For building wall and grading at

## Mr. Perkins:

38 bags cement, 5 yds. sand . .	\$17.70
city teams . . . . .	7.65
labor on wall . . . . .	59.16
labor grading . . . . .	8.53
teams . . . . .	1.41
	<hr/>
	94.45

For grading lot west of Mr. Perkins' :

labor as per pay rolls . . . . .	\$12.25	
city teams . . . . .	1.25	
		<hr/>
		\$13.50
		<hr/>
		\$3,176.74

CR.

By 375 cu. yds. fill, as per engineer's  
estimate to Walton Park, @  
75 cts. per cu. yd. . . . .

\$281.25	
<hr/>	\$2,895.49

\$15.31 received on account walls  
and credited to highways,  
to which we had charged  
\$895.49 of the work making  
net cost of work as assessed  
\$2,880.18.

#### EXPENSE ACCOUNT.

James Marshall, use horse and buggy . . .	\$156.00	
Melrose Club stable, horse and buggy . . .	18.00	
Hardware and blacksmith work . . . . .	19.75	
Brooms for crossings . . . . .	25.00	
Advertising . . . . .	.63	
Oil and sundries . . . . .	14.65	
Wm. Clancy, injuries . . . . .	20.00	
H. S. Crowell, damages . . . . .	8.00	
	<hr/>	\$262.03

#### STEAM ROLLER ACCOUNT.

Labor as per pay rolls . . . . .	\$20.00
Paid for coal and wood . . . . .	112.80
“ F. L. Trefethen for repairs . . . . .	45.73
“ Roberts Iron Works repairs . . . . .	5.95
“ Kelly Roller Co. gears . . . . .	27.50
“ Perrin, Seamans & Co., packing . . . . .	25.76
for oil cups . . . . .	12 00

Paid for valves . . . . .	\$3.98	
“ for Albany grease, paint and oil . . . . .	13.05	
“ for sundry small fittings . . . . .	5.48	
		<hr/>
		\$272.25
To credit general maintenance . . . . .		659.62
		<hr/>

## CR.

By 52 $\frac{1}{8}$ days use charged to Street $\frac{a}{c}$ . . . . .	\$260.62	
“ 60 days use charged Main Street widening . . . . .	660.00	
“ 1 $\frac{1}{2}$ days use charged water division . . . . .	7.50	
“ $\frac{3}{4}$ days use charged sewer division . . . . .	3.75	
		<hr/>
		\$931.87

## STABLE ACCOUNT.

Amount paid hay and grain . . . . .	\$1,518.03	
“ “ repair harnesses . . . . .	82.00	
“ “ supplies . . . . .	11.97	
“ “ medicine, dentistry, etc. . . . .	17.45	
“ “ shoeing horses . . . . .	209.88	
“ “ blankets . . . . .	19.15	
“ “ repair and paint carts . . . . .	150.29	
“ “ new jigger . . . . .	220.00	
“ “ new sled and runners . . . . .	115.00	
“ “ rent . . . . .	264.00	
“ “ labor, Brown and team- sters . . . . .	334.42	
		<hr/>
		\$2,942.19
“ transferred to credit general maintenance . . . . .	95.85	
		<hr/>
		\$3,038.04

## CR.

By horses charged to street work @ \$1.25 per horse per day . . . . .	\$2,204.98
By horses charged to Main street widen- ing @ \$1.25 per horse per day . . . . .	514.06

By horses charged to other divisions @		
\$1.25 per horse per day .. . . .	\$247.12	
By horses charged to Sewall school @		
\$1.25 per horse per day .. . . .	71.88	
	<hr/>	\$3,038.04

## CRUSHER ACCOUNT.

Labor as per pay rolls .. . . .	\$5,376.35	
City teams @ \$1.25 per horse		
per day .. . . .	180.62	
	<hr/>	\$5,556.97
Paid for repairs to elevator:		
B. F. Armstrong & Sons		
new screens and machin-		
ery .. . . .	\$444.28	
S. S. Porter for electric		
bells .. . . .	20.41	
Perrin, Seamans & Co.		
steel plates for bins .. . . .	36.85	
W. J. McCoubry, labor on		
plates for bins .. . . .	36.72	
Deering Lumber Co., lum-		
ber .. . . .	30.37	
H. J. Perry and F. E. Coyle,		
hardware .. . . .	11.42	
Perrin, Seamans & Co., new		
main belt .. . . .	74.92	
	<hr/>	660.97
Paid for repairs to boiler:		
New fire box and smoke		
stack on % .. . . .		45.70
Paid for drilling and blasting:		
new tripod for drill .. . . .	\$37.50	
new parts for drill .. . . .	63.83	
new steam hose .. . . .	20.70	
new battery .. . . .	42.50	
powder and exploders .. . . .	267.65	
steel for drill .. . . .	52.95	
	<hr/>	485.13

Paid for castings, jaw and		
cheek plates . . . . .	\$221.92	
oil waste . . . . .	68.30	
coal . . . . .	397.61	
sundries, freight and		
expressage . . . . .	5.64	
stone from Joseph Gib-		
bons . . . . .	22.05	
	<hr/>	715.52
		<hr/> \$7,464.29

## CR.

By collections for sundries paid		
to treasurer . . . . .	\$9.31	
" stone to Main street wide-		
ning, 7,303,820 lbs. . . . .	3,177.16	
" stone to surface drainage,		
49,690 lbs. . . . .	21.62	
" stone to Sewall school, 86,480		
lbs. . . . .	37.62	
" stone to sewer construction		
87,000 lbs. . . . .	37.85	
" stone to street account,		
6,052,480 lbs. . . . .	2,630.96	
" powder charged street ac-		
count and other divisions	48.06	
" use steam drill street account		
and other divisions . . . . .	31.50	
" cobbles and sand street ac-		
count . . . . .	28.65	
	<hr/>	6,022.73
To general maintenance account		<hr/> \$1,441.56

## SUMMARY OF HIGHWAY IMPROVEMENTS TO DATE.

Streets macadamized, miles . . . . .	9.14
Gutters paved, " . . . . .	7.72
Brick sidewalks, " . . . . .	1.09

Concrete sidewalks, miles .....	34.08
Straight curbing " .....	6.65
Curved curbing, feet .....	3,110
Granolithic walks, feet .....	2,177
Brick crossings .....	3
Stone crossings .....	92
Concrete crossings .....	137

### SURFACE DRAINAGE.

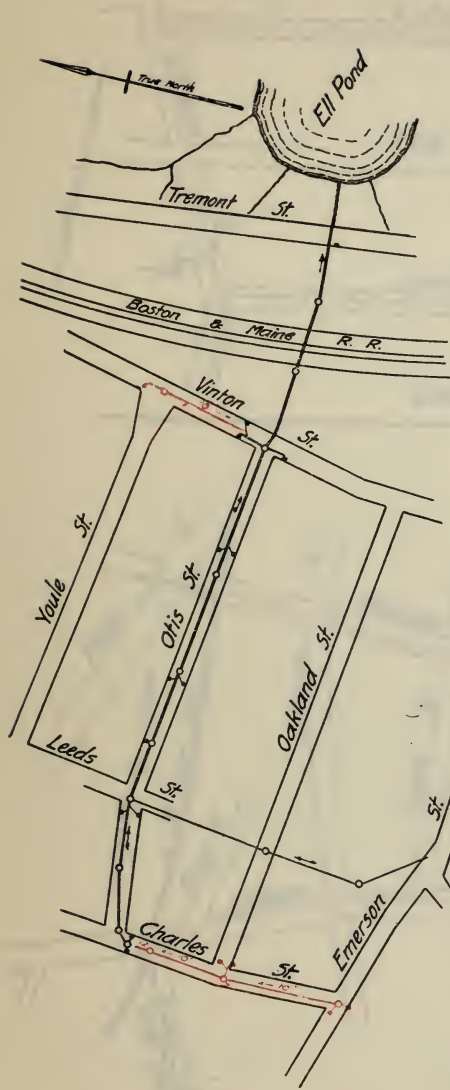
In connection with the surface drainage I wish to call attention to the condition of the streets.

Previous to the inauguration of surface drainage all manner of make shifts were resorted to for the disposal of the water. It was not a question as to where it ought to be collected but was a case of let it go where it could. Consequently in putting in catch basins it is usually necessary to more or less regrade the streets and unless this is done the drains fail in their purpose and the benefits derived are not nearly so great as might be were the highway appropriation large enough to admit of making these changes.

In my report for 1904, on page 48, I recommended that the work be continued as fast as the act authorizing the same would permit, and that another appropriation of \$21,000 be made for use in 1905; in addition to this, in my request to the Mayor for appropriations in the annual budget, I again recommended the appropriation of \$21,000, but for some reason the year 1905 passed by and no appropriation was made for this purpose, and therefore as the only funds available for this work were the unexpended balance from 1904, amounting to \$12,322.92, together with the stock on hand February 1, 1905, amounting to \$121.71, but little of the work recommended to be done was accomplished, but considering the amount expended an unusually large number of catch-basins were built, namely 50.

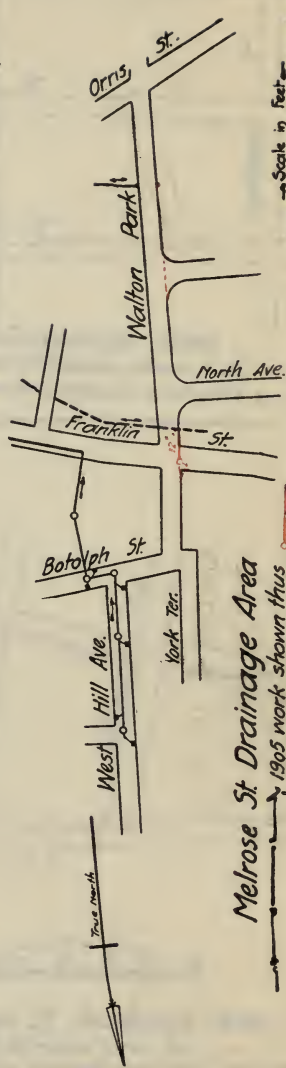
Following are sketches showing the location of the work, a detailed statement of its cost by streets, value of all work constructed to date, statement of receipts and expenditures, and stock account.





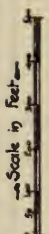
### Otis St. Drainage Area

1905 Extensions shown thus  
Drains previously constructed



### Melrose St. Drainage Area

1905 work shown thus  
Drains previously constructed





# DETAIL BY STREETS OF SURFACE DRAINAGE WORK DONE IN 1905.

TABLE No. VI.

TOGETHER WITH ITS COST.

	LOCATION	LIN. FT. OF AKRON PIPE								Ys.	Bends	CATCH BASINS		MAN HOLES		Port. Cement Bbls.	EXCAVATION		COST			
		Size in inches										Sets	Cu. yds. Masonry	Frames and Covers	Cu. yds. Masonry		Cubic yds.		Labor	Material and Teaming	Total Cost	
																	Rock	Earth				
		5	6	8	10	12	15	18	20													
1	Charles St., main drain to Emerson St. ....	26	....	64	248	148	98	....	....	20	6	5	14.40	3	5.61	31	15	480	\$673.74	\$600.74	\$1,274.48	
2	Emerson St., Ell Pond. B'k to Bellevue Ave..	12	....	206	....	388	696	....	....	65	4	9	26.50	5	11.02	55	....	1290	1,385.17	1,402.20	2,787.37	
3	First St., Lebanon St. to Gooch St. ....			102	....	578	232	....	....	35	2	7	20.63	4	7.15	30	....	640	679.47	890.36	1,569.83	
4	Grove St. at Main St. C. B. ....			12	....			....	....							1	....		14.50	2.80	17.30	
5	Highland Ave. at Sargent St. ....							....	....			1	2.83			3	....	15	18.02	27.82	45.84	
6	Lebanon St. main drain N. to First St. ....	36	....	12	....	18	....	270	210	23	8	2	5.27	2	4.00	24	....	573	690.03	660.89	1,350.92	
7	Laurel St. main drain E. to Larrabee St. ....	8	....	68	....	28	442	....	....	24	8	3	9.72	2	4.35	28	....	401	568.44	572.41	1,140.85	
8	Meridian St. at Beech Ave. ....	20	....		64	....		....	....	1	1	1				3	....	38	58.56	57.91	116.47	
9	Prospect St. at low point ....			58	....	2	....					2	5.60			8	....	32	43.74	100.09	143.83	
10	Upham St., Ell Pond Brook to Gooch St. ....			236	4	698	538	....	....	61	3	14	41.41	6	11.73	71	....	1320	1,491.84	1,634.71	3,126.55	
11	Vinton St. main drain N. to Youle St. ....	18	....	32	....				134	82	11	7	2	6.00	1	1.82	10	....	230	235.39	395.33	630.72
12	Walton Park, brook N. to Franklin St. ....			20	....	86	....			5	....	4	9.91	1	1.74	17	10	143	225.03	260.66	485.69	
13	Ashland St. drain concreting ....																			17.22	17.22	
14	Leonard's brook drain, concreting and grading																		46.81	61.03	107.84	
15	Winthrop St., drain, concreting and grading.																		19.93	14.80	34.73	
																			\$6,150.67	\$6,698.97	\$12,849.64	



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JANUARY 31, 1906.

\*Completed 1905—Cost added.









## SUMMARY:

470 feet of 10 inch Akron pipe.				
5,271	"	12	"	" "
6,142	"	15	"	" "
284	"	16	"	iron "
1,000	"	18	"	Akron "
3,572	"	20	"	" "
120	"	20	"	iron "
1,106	"	24	"	Akron "
6,738	"	conduit, brick or concrete.		
137 manholes.				
239 catch basins.				
6 culverts, concrete and I beams.				

NOTE.—Eighteen of the above catch basins are built in the tracks of the B. & N. St. R. R. Co.

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Stock on hand February 1, 1905.....	\$121.71
Balance on hand February 1, 1905.....	12,322.92
Receipts paid treasurer .....	5.41
	<hr/>
	\$12,450.04
Amount overdrawn .....	\$4.97
Amount due sewer construction for stock .....	516.34
	<hr/>
	521.31
	<hr/>
	\$12,971.35

## Expended:

Ashland street drain, concrete work by Norris Co. ....	\$17.22
Charles Street drain .....	1,274.48
Emerson " " .....	2,787.37
First " " .....	1,569.83
Grove " " connect catch basin .....	17.30
Highland avenue drain, new catch basin ..	45.84
Laurel street drain .....	1,140.85
Lebanon " " .....	1,350.92
Leonard's brook drain, grading and concrete.....	107.84
Meridian street drain at Rogers street...	116.47
Prospect " " 2 new catch basins .....	143.83

Upham street drain .....	\$3,126.55	
Vinton " " .....	63.72	
Walton Park drain .....	485.69	
Winthrop street drain, grading and concrete .....	34.73	
	<hr/>	\$12,849.64
Stock on hand .....		\$121.71

## STOCK ACCOUNT.

Stock on hand February 1, 1905 .....	\$121.71	
Labor on stock at yard as per pay rolls ..	105.24	
Labor making granolithic catch basin covers .....	119.17	
Pipe and Y's bought as per invoices ....	2,426.93	
Castings " " " " .....	598.09	
Brick " " " " .....	941.18	
Tools and repairs to same, per invoices ..	353.69	
Oil and sundries " " ...	87.55	
Lumber " " ...	9.87	
Catch basin forms " " ...	40.88	
Brick masonry " " ...	560.59	
Concreting by Norris Co. and C. L. Hoffman .....	86.17	
Pipe and cement bought of sewer construction .....	578.72	
Stock and teams bought of highway maintenance .....	183.78	
Stock and teams bought of water maintenance .....	90.77	
	<hr/>	\$6,304.34
Stock of cement and pipe used, due sewer construction .....		516.34
		<hr/>
		\$6,820.68
Stock used (including city teams, highway and water div'sions):		
Ashland street drain .....	\$17.22	

Charles street drain	\$600.74	
Emerson " "	1,402.20	
First " "	890.36	
Grove " "	2.80	
Highland avenue drain	27.82	
Laurel street drain	572.41	
Meridian " "	57.91	
Prospect " "	100.09	
Upham " "	1,634.71	
Vinton " "	395.33	
Walton park drain	260.66	
Winthrop st., "	14.80	
Lebanon " "	660.89	
Leonard's brook	61.03	
	<hr/>	6,698.97
Stock on hand at yard		<hr/> \$121.71

## SIDEWALKS.

There are about 36 miles of paved sidewalks in the city, about 34 of which are of tar concrete and most of them are ten or more years old, and are laid upon an unsuitable foundation, consequently they are badly heaved and broken by the frost and nearly all of them need repairing, and in fact a great many need to be entirely rebuilt, and the money appropriated or available for their care is not sufficient.

Contracts were made for supplying material and doing work as follows: Curbstone and brick, Robert Philpot; Concreting, T. Norris Company; Granolithic, Warren Brothers Co. and Simpson Brothers Corporation.

CANVASS OF BIDS FOR LAYING CONCRETE SIDEWALKS, CROSS-  
INGS AND GUTTERS, AND FOR DOING ALL PATCHING,  
REPAIRING AND TOP-DRESSING TO THE SAME  
FOR THE CITY OF MELROSE, PUBLIC  
WORKS DEPARTMENT, OPENED  
MAY 5, 1905.

	C. L. Hoffman, Melrose, Mass.	T. Norris Co., Melrose, Mass.	Robert Philpot, Melrose, Mass.
4 coat work, per square yard .....	\$0.60	\$0.55	\$0.50
3 " " " " " .....	.50	.47½	.50
1 " " " " " .....	.25	.27½	.30

Contract awarded to T. Norris Co.

CANVASS OF BIDS FOR FURNISHING THE CITY OF MELROSE,  
PUBLIC WORKS DEPARTMENT, WITH GRANITE  
CURBING AND FLAG-STONES, OPENED  
MAY 5, 1905.

	Robert Philpot, Melrose Mass	S. & R. J. Lombard Charlestown, Mass.
7 inch straight curbing, per lin. ft. ....	\$.57	\$.57
7 inch curved curbing, " " " .....	.77	.76
Granite blocks 2 ft. radius, each .....	2.50	2.50
" " 3 " " " .....	3.75	3.70
Flag-stones 18 inch, per lin. ft. ....	.67	.67
" 24 " " " " .....	.77	.78

Contract awarded to Robert Philpot.

## REPAIR OF PRESENT WALKS.

There was no specific appropriation made for sidewalk repairs, but instead the one for general maintenance of the highways was so worded in the Budget as to include any work done on repairing sidewalks, and under this authority there was expended the sum of \$3303.37, for a detail of which see the report on highways.

## NEW INDIVIDUAL WALKS.

These walks are constructed upon the application of any individual in front of premises owned by him, and practically of such material as he may designate. The following table shows the number, location, kind and cost to the abutter of all such walks laid in 1905.



## INDIVIDUAL SIDEWALKS.

No.	Abutter	Location	Sq. yds. of Walk Laid			Lin. ft. of Curbing		Total Cost	Am't Assessed
			Brick	Gran.	Concrete	Straight	Curved		
114	A. L. Holmes	Lebanon and Laurel	.....	.....	53.33	89.69	10.38	\$105.56	\$50.00
115	W. H. Flanders	97 Bellevue avenue	.....	.....	.....	184.33	17.40	331.70	165.85
116	Geo. B. Lord	142 E. Emerson St.	155.00	.....	.....	124.75	6.28	278.18	166.63
117	J. L. Martin	145 Bellevue Ave.	.....	83.02	.....	70.00	.....	53.04	26.52
118	A. H. Henry	1023 Main St.	.....	.....	49.74	.....	.....	23.63	11.82
119	Geo. E. Briggs	156 E. Emerson St.	.....	175.95	.....	287.33	18.84	581.32	293.84
120	Mary I. Hersey	16 Vine St.	.....	35.05	.....	62.90	.....	111.01	54.02
121	Wm. C. Brown	58 Orient Ave.	.....	.....	49.66	73.08	.....	85.11	42.56
122	Ed. L. Page	Laurel St.	.....	.....	39.33	58.20	.....	63.24	31.62
123	F. S. Crowell	58 Ferdinand St.	.....	.....	53.60	80.00	.....	95.86	47.93
124	J. M. Currier	974 Main St.	.....	278.46	.....	.....	.....	463.64	229.03
125	Dr. E. S. Jack	6 W. Emerson St.	.....	.....	.....	63.20	.....	53.08	26.54
126	F. C. Upham	1032 Main St.	.....	.....	46.66	.....	.....	22.16	11.08
127	Rose M. Burrell	1019 Main St.	.....	.....	43.86	.....	.....	20.83	10.42
128	Oscar Jones	1056 Main St.	.....	.....	44.95	.....	.....	22.35	11.18
129	B. & M. R. Co.	Highland Depot	.....	.....	106.63	86.10	14.13	141.34	70.67
130	C. C. Swett	E. Foster St.	.....	.....	.....	12.00	6.28	15.09	7.55
132	Dr. J. S. Clark	Faxon St.	.....	.....	.....	239.10	12.33	184.82	92.41
Total			155.00	\$572.48	\$487.76	\$1,430.68	\$85.64	\$2,651.96	\$1,349.67

## STATEMENT OF COLLECTIONS.

## DR.

To total amount assessed .....	\$1,349.67
To amount received from D. Evans Cas- well .....	87.13
To amount received from Warren Broth- ers Co. ....	4.98
	<hr/>
	\$1,441.78

## CR.

By cash paid treasurer .....	\$1,419.80
By cash paid refund George E. Cornwall (1904 account) .....	21.98
	<hr/>
	\$1,441.78

## RECEIPTS AND EXPENDITURES.

Balance February 1, 1905 .....	\$586.72
Appropriation approved March 31, 1905	1,000.00
Receipts B. & N. R. R. $\frac{1}{2}$ Main street ..	121.15
“ paid treasurer by W. D. Hunt- er October 31, 1905 .....	1,000.00
“ paid treasurer by W. D. Hunter November 8, 1905 .....	200.00
“ paid treasurer by W. D. Hunter February 23, 1906 .....	219.80
	<hr/>
	\$3,127.67

## Expended:

Paid labor as per pay rolls .....	\$371.42
“ Robert Philpot for curbing .....	837.56
“ Robert Philpot for brick .....	87.75
“ Robert Philpot for gravel .....	17.51
“ T. Norris Company for concrete work .....	181.04
“ C. L. Hoffman for concrete work ..	53.30
“ Simpson Bros. Cor. for granolithic work .....	616.21

Paid Warren Bros. Corporation for granolithic work .....	\$489.56	
“ D. McDonald & Co. for hitching post .....	18.00	
“ Robert Philpot for sodding .....	66.55	
“ sewer division for stock .....	11.10	
“ highway division for teams and stock .....	40.12	
“ for lumber and seed .....	1.06	
	<hr/>	\$2,791.18
Treasury balance .....		\$336.49

NOTE.—The expenditures exceed twice the amount assessed on account of incidental work not assessable, and also on account of payment of Simpson Bros. Cor. for work done in 1904.

#### CONTINUOUS WALKS.

The Board of Aldermen passed Order No. 2792 for a continuous concrete walk on the east and west sides of Orient Avenue; this, together with completing work ordered in 1904 (Order No. 2489 B.) for continuous curbing on the east and west sides of Main Street from Porter Street to the Wakefield line, constituted all of the work of this nature done the past season. The work under both of these orders has been completed, and as provided by ordinance, assessments levied and committed to the Collector and Assessors as follows:

#### MAIN STREET.

##### WEST SIDE.

Hannah E. Benson & B. M. Fernald.....	\$26.08
Fred E. Bruce .....	31.21
B. K. Shepherdson .....	12.50
G. P. Anderson .....	11.16
G. P. Anderson .....	11.07
G. P. Anderson .....	12.22
Ellen E. Evans.....	12.22
Wm. E. Barrett .....	13.04
Wm. H. Wells .....	10.14
Ann A. Whidden.....	20.37
John A. Gill .....	5.92
Alexander Mollins.....	10.45
Rev. S. F. Upham .....	23.06
P. H. Scanlan .....	24.17
Wm. E. Barrett .....	56.67
W. H. Wells.....	23.74

Timothy Creedon .....	\$29.85
Wm. L. Cheever.....	47.18
Sullivan Wilson.....	14.55
Hannah E. Benson .....	43.44
Arthur E. Wilson.....	18.33
Stephen F. Keyes .....	11.18
City of Melrose .....	28.08
Addison B. Hopkins.....	9.59
Allen H. Sturges .....	32.87
M. Agnes Chapin.....	27.51
Sarah L. Hurd.....	11.75
George A. Pierce .....	23.50
John Boyd .....	11.75
Gertrude D. Cox .....	11.75
Florence C. Upham .....	11.75
Lucy A. Tarbox .....	11.75
Rosa Bernstein.....	10.61
Martha A. Brisze .....	23.50
Mary A. Jones .....	10.65
Frank Whitcher .....	16.48
Francis T. Osgood .....	22.49
M. V. B. Pratt.....	16.40
Celinda Harris .....	23.50
James D. Maloon .....	11.75
Emma M. Sturges.....	11.75
John McLay .....	15.23
Albert D. Bosson & Eben J. Hutchinson .....	20.98
Susie A. Dryden.....	16.26

## EAST SIDE.

Martha Wells.....	\$24.79
Mary E. Waite .....	26.47
Patrick H. Scanlan.....	10.98
Mary & Marion Willis .....	29.72
Charles C. Swett .....	37.23
Wm. H. Wells .....	69.15
Georgiana B. Everson.....	12.22
Mrs. Emily Cochrane .....	51.70
Arthur Storey.....	22.59
Malden Savings Bank .....	9.40
Lena C. Foster .....	17.66
Alice Underwood .....	19.91
Lillie A. Woodland .....	26.48
Henry E. Wiley .....	34.10
Robert D. Scribner.....	19.78
George F. Shaw.....	13.14
Robert L. Day .....	12.13
Homer S. Warfield .....	11.13
Adeline E. Henry .....	15.46
Walter B. Akers.....	15.70
Emily J. Pratt.....	10.98
Joanna O. Church.....	15.67
Moses P. Parker .....	11.75
Alfred M. Shaw .....	10.79
Cora A. Pierce .....	10.58
Loring W. Barnes .....	12.92
George A. Webb .....	26.09

Frost & Hawes .....	\$17.15
James Dorr .....	11.87
Thirza J. Day .....	14.65
Chas. H. Spencer .....	16.84
Nellie M. Beede.....	10.75
Edward M. Fenno.....	11.81
Charlotte E. Page .....	16.23
George H. Hills .....	20.15
Mary L. Collins .....	30.78
Thomas Hawley .....	82.50

## ORIENT AVENUE.

## WEST SIDE.

J. P. Roberts .....	\$102.85
Eliza H. Henderson.....	41.16

## EAST SIDE.

W. H. Miller Est.....	\$96.74
W. H. Miller Est.....	57.67
Charles E Sawyer .....	31.76

## RECEIPTS AND EXPENDITURES.

Balance February 1, 1906 .....	\$467.41	
Collections paid treasurer by J. W. Mur- ray .....	843.56	
	<hr/>	\$1,310.97
Expended:		
Paid Robert Philpot for curbing .....	\$319.74	
“ T. Norris Company for curbing ...	160.41	
“ Robert Philpot for brick .....	13.50	
“ A. W. Dunton for schedule blanks	6.50	
“ sewer division for stock .....	1.60	
“ highway division for teams .....	3.75	
“ labor as per pay rolls .....	117.94	
	<hr/>	623.44
		<hr/>
Treasury balance .....		687.53
Due highway division on account of 119.87 sq. yds. paid by mistake from that appropriation .....		56.93
		<hr/>
		\$630.60

## CONTINUOUS SIDEWALKS MAIN STREET.

Balance February 1, 1906 . . . . .	\$1,466.05
Expended:	
Paid S. and R. J. Lombard for curb- ing . . . . .	\$87.02
Paid Robert Philpot for curbing . .	11.40
Transferred to Main street wide- ning account as per engineer's final estimate . . . . .	732.77
	<hr/> 831.19
Treasury Balance . . . . .	<hr/> \$634.86

## STREET WATERING.

On March 20, 1905, the Board of Alderman passed Order No. 2762, ordering the following named streets to be sprinkled in accordance with Chapter 24 of the City Ordinances.

	Lin.,ft.
Ashland St., from Melrose St. to Highland Ave. . . . .	1,241
Adams St., from Wyoming Ave. to Russell St. . . . .	827
Batchelder St., from Bellevue Ave. to Porter St. . . . .	869
Bellevue Ave., from Linden St. to Upham St. . . . .	2,442
Berwick St., from Foster St. to Wyoming Ave. . . . .	1,230
Botolph St., from Franklin St. to West Hill Ave. . . . .	373
Cass St., from Grove St. to Foster St. . . . .	505
Cedar Park, from Emerson St. to End Pope & Abbott's. . . . .	332
Cottage St., from Foster St. to Wyoming Ave. . . . .	1,140
Dell Ave., from Upham St. to Winter St. . . . .	362
Emerson St., from Poplar St. to Fletcher St. . . . .	5,247
Essex St., from Emerson St. to Main St. . . . .	1897
Florence St., from Foster St. to Russell St. . . . .	2132
Foster St., from Vinton St. to Larrabee St. . . . .	4,784
Franklin St., from Main St. to Stoneham line . . . . .	4,847
Eighth St., from First St. to Upham St. . . . .	427
Green St., from Main St. to Porter and Lebanon St. . . . .	2,834
Greenwood St., from Franklin St. to Woodland Ave. . . . .	1,147
Grove St., from Berwick St. to Larrabee St. . . . .	3,983
Herbert St., from Berwick St. to Myrtle St. . . . .	379
Highland Ave., from Ashland St. to Sargent St. . . . .	949
Hillside Ave., from Upham St. to Emerson St. . . . .	445
" " from Bellevue Ave. to angle in street. . . . .	336
Howard St., from Green St., to M. G. Cochrane's. . . . .	1,244
Howard St., from in front of No. 134 . . . . .	250
Hurd St., from Cottage St. to B. & M. R. R. . . . .	776
Lake Ave., from Emerson St. to Tremont St. . . . .	1,224
Lebanon St. from Porter St. to Beech Ave. . . . .	3,459
Lynde St., from Main St. to Summer St. . . . .	1,234



	Lin. f t.
Laurel St., from Lebanon St. to Gooch St. ....	664
Main St., from Greenwood line to Malden line .....	11,994
Malvern St., from Potter St. to Meridian St.....	1,325
Maple St., from Vinton St. to Cleaveland St. ....	216
Meridian St., Grove St. to Beech Ave.....	737
Melrose St., from Vinton St. to Belmont St. ....	654
Myrtle St., from Grove St. to Emerson St. ....	2,227
North Ave., from Walton Park to Stoneham line .....	693
Orris St., from Vinton St. to Walton Park .....	1,090
Orient Ave., from Porter St. to Emerson St. ....	1,015
Pleasant St., from Wyoming Ave. to Ashmont St.....	1,361
Rowe St., from Upham St. to Green St.....	2,023
Sargent St., from Franklin St. to North Ave. ....	100
Tremont St., from Emerson St. to J. P. Deering's .....	566
Tremont St., from Franklin St. to Melrose St. ....	847
Trenton St., from Foster St. to Washington St. ....	2,560
Upham St., from Main St. to N. P. Jones' E. line.....	2,511
Vinton St., from Franklin St. to Foster St. ....	4,880
Washington St., from Trenton St. to Gould St. ....	895
West Linden St., from Green St. to Main St. ....	458
Wyoming Ave., from Stoneham line to Brown estate E. line .....	4,446
Walton Park, from Franklin St. to Orris St. ....	832
Warren St. from Franklin St. to Orris St.....	614
Youle St., from Vinton St. to Leeds St. ....	892
Cedar Park, from Emerson St. at Depot to bend in street.....	370
	90,885

During the year certain others were added as follows:

Cleaveland St., from Sanford St. to Baxter St. ....	679
Elm St., from Howard St. to Linden St. ....	1,090
Richardson Road, from No 37 Richardson Rd. to Ashland St. ....	509
Henry Ave., from Richardson Road to Highland Ave.....	625

Bids were advertised for and opened March 31, 1905, as follows:

CANVASS OF BIDS FOR SPRINKLING ABOUT 90,000 LINEAR FEET OT STREETS IN MELROSE, MASS., FOR SEASON OF 1905, OPENED MARCH 31, 1905.

		Total	
C. L. Hoffman .....	\$39.95 per 1,000 feet		\$3,595.50
Robert Philpot .....	40.00 " " "	"	3,600.00
Philip S. Keating .....	46.00 " " "	"	4,140.00
T. Norris Company.....	47.29 " " "	"	4,256.10

Contract awarded to C. L. Hoffman.

On the line of the streets sprinkled are situated 1548 estates on which assessments amounting to \$4,906.24 were levied and certified to the Assessors as follows:

131,292.75 lin. ft., occupied @ $3\frac{1}{2}$ cts.	\$4,596.27	
31,033.33 lin. ft., vacant, @ 1 cent...	309.97	
	<hr/>	\$4,906.24
Less abatement to date .....		14.92
		<hr/>
		\$4,891.32

#### STATEMENT OF STREET SPRINKLING FUND, JANUARY 31, 1906.

Uncollected, Jan. 1, 1900 .....	\$1,552.97	
Amount of net assessment for 1900 ...	3,901.67	
“ “ “ “ “ 1901 ...	3,903.42	
“ “ “ “ “ 1902 ...	3,957.94	
“ “ “ “ “ 1903 ...	4,056.41	
“ “ “ “ “ 1904 ...	4,732.17	
“ “ “ “ “ 1905 ...	4,891.32	
	<hr/>	\$26,995.90
Expended:		
Deficiency, Jan. 1, 1900 .....	\$1,183.79	
Expended 1900 .....	4,334.60	
“ 1901 .....	3,542.51	
“ 1902 .....	4,521.65	
“ 1903 .....	4,352.05	
“ 1904 .....	4,753.34	
“ 1905 .....	4,410.48	
	<hr/>	27,098.42
		<hr/>
Deficiency .....		\$102.52

#### STATEMENT OF EXPENDITURES.

Paid Coffin Valve Co., for 6 water cranes .....	\$210.00
“ labor on stand-pipes and sprinkling streets .....	237.25

Paid Chapman Valve Co., valves and repairs to same .....	45.43
“ W. J. McCoubry, repair and paint carts .....	167.95
“ Robert Philpot for curbing .....	22.98
“ Water division for gate .....	5.00
“ for advertising .....	8.00
“ Miss E. Turner, making schedule .....	4.50
“ C. L. Hoffman for sprinkling as per contract .....	3,717.05
	<hr/>
	\$4,418.16

CR.

By cash receipts paid treasurer by W. D. Hunter .....	7.68
	<hr/>
	\$4,410.48

## STREET LIGHTING.

There have been added during the year 15 incandescent lights, so at the present time we have 55 arc and 569 incandescent lights which are burned each dark night from dusk until 12.30 o'clock a. m.

## RECEIPTS AND EXPENDITURES.

Balance in treasury Feb. 1, 1905 .....	\$175.76
Appropriation, Order No. 2735 .....	12,256.50
	<hr/>
	\$12,432.26
Expended:	
Malden Electric Co., as per contract ..	12,329.97
	<hr/>
Treasury balance .....	\$102.29

## COLLECTION OF ASHES.

The contract of T. Norris Company expired, and on January 11, 1906, bids for doing the work in 1906 were opened as follows:

CANVASS OF BIDS FOR COLLECTION OF ASHES IN THE CITY  
OF MELROSE, MASS., OPENED BY THE ENGINEER AND  
SUPERINTENDENT OF PUBLIC WORKS,  
JANUARY 11, 1906.

Month	C. L. Hoffman, 44 Charles St., Melrose, Mass	Robt. Philpot, 76 Dell Ave., Melrose, Mass
	Price	Price
February .....	\$300.00	\$200.00
March .....	200.00	200.00
April .....	200.00	200.00
May.....	100.00	200.00
June .....	50.00	200.00
July.....	50.00	5.00
August .....	50.00	5.00
September .....	50.00	10.00
October.....	50.00	10.00
November .....	75.00	10.00
December .....	150.00	10.00
January .....	60.00	10.00
Totals .....	\$1,335.00	\$1,060.00

Contract awarded to Robert Philpot.

## STATEMENT OF EXPENDITURE.

Appropriation .....	\$1,380.00
Expended:	
For labor as per pay rolls .....	\$2.63
For labor delivering ash notices .....	18.75
Paid A. W. Dunton Printing Co., circulars .....	8.75
Paid A. W. Dunton Printing Co., ad- vertising .....	1.75
Paid T. Norris Co., as per contract .....	1,164.50
	<hr/>
	1,196.38
	<hr/>
Treasury balance .....	\$183.62
15% reserved under contract due T. Norris Co., April 1, \$205.50	

## PUBLIC BUILDINGS AND GROUNDS.

Under this head is grouped all work and expenditures by the department on the public property of the city not included in the other divisions.

## CITY HALL.

In my request to the Mayor for appropriations in the annual budget was an item for painting the outside of the City Hall building, and while this is not absolutely necessary it would be economy to give it one coat of paint at the present time.

## OFFICE ACCOMMODATIONS.

To look at the City Hall building from the outside it would appear to be large enough to accommodate the business of a city more than twice the size of Melrose, but as a matter of fact there are not sufficient office accommodations; the building is poorly arranged, and without a single exception every office is crowded and the officers are doing their work under great inconvenience on account of insufficient room, and in a very short time some provision will have to be made for additional offices.

## LIST OF ENGAGEMENTS OF CITY AUDITORIUM.

WHEN AND FOR WHAT USED	Rehearsals	After- noons	Even- ings	Totals
Free use, Times.....	0	0	5	5
Expense, Times.....	0	3	8	11
Amount .....			\$82.91	\$82.91
Full Charge, Times .....	1	3	19	23
Amount .....	\$10.00	\$35.00	\$525.00	\$570.00
Totals .....	\$10.00	\$35.00	\$607.91	\$652.91

## STATEMENT OF COLLECTIONS.

## DR.

To rent of city auditorium.....	\$652.91	
To rent uncollected for 1904, accounts Nos. 55, 84 and 90 .....	67.00	
To rent uncollected for 1903, account No. 54 .....	20.00	
To rent uncollected for 1901, .....	20.00	
	<hr/>	\$759.91

## CR.

By cash paid Treasurer, rent of city auditorium for 1905 and 1904 ...	\$649.91	
By rent uncollected 1905, accounts Nos. 93 and 98.....	45.00	
By rent uncollected 1904, account No. 55 .....	25.00	
By rent uncollected 1903, account No.54	20.00	
By rent uncollected 1901.....	20.00	
	<hr/>	\$759.91

## STATEMENT OF RECEIPTS AND EXPENDITURES.

## Appropriations:

For Janitor service .....	\$750.00
" Heating.....	330.00
" Lighting .....	800.00
" Contingent .....	300.00
	<hr/>
	\$2,180.00

## Expended:

Janitor service paid C. J. Wing.....	\$720.00
Janitor service paid for moving piano and furniture .....	22.00
	<hr/>
	\$742.00



Heating, paid Benson Coal Co. . . . .	\$328.45
Lighting, paid Malden Electric Co. . .	\$570.12
Lighting, paid Malden Gas Light Co. .	134.65
	<hr/> 704.77

## Contingent:

Paid carpenter, repairs and glass set	\$78.79	
“ plumbing repairs . . . . .	45.78	
“ gas and electric repairs . . . . .	21.95	
“ heating repairs, change radi-		
ators and stack . . . . .	62.00	
“ boiler repairs . . . . .	8.48	
“ for hose . . . . .	11.00	
“ supplies and sundry charges . .	30.15	
“ labor per pay roll . . . . .	.75	
“ printing calendar Auditorium . .	12.00	
“ sink for weighing inspector . .	7.00	
	<hr/> 277.90	2,053.12

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\$126.88

Treasury balance $\frac{a}{c}$ janitor service. .	\$8.00
“ “ “ Heating . . . . .	1.55
“ “ “ Lighting . . . . .	95.23
“ “ “ Contingent . . .	22.10

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\$126.88

## PARKS.

With the small amount appropriated, \$100.00, it is impossible to make any improvements in any of the so called parks. The grass has been cut as usual and the small squares kept raked up.

## RECEIPTS AND EXPENDITURES.

Appropriation . . . . .	\$100.00
Expended:	
Labor as per pay roll . . . . .	\$ .50
Labor covering fountains . . . . .	2.91

Paid C. Casey, filling vases, etc.....	\$28.00	
“ L. C. Hoyt, sign “ No passing” ....	2.00	
“ A. W. Lynde, labor and teams.....	24.50	
“ Geo. E. Berry, home plate and bases	6.30	
“ D. H. Woodward, stock and labor on back stop .....	34.00	
		<hr/>
		\$98.21
Treasury balance .....		1.79

## MELROSE COMMON.

The ball field on Melrose Common has been completed, and although it is now in fairly good condition for ball playing, it could be greatly improved by a small annual expenditure, and while the account for this work shows an unexpended balance of \$.04 there is \$135.00 due the highway department from this appropriation for 1,350 loads of gravel.

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Balance February 1, 1905 .....	\$553.77	
Appropriation, order 2845 .....	3.00	
Receipts from surface drains .....	15.00	
“ “ sewer construction .....	6.00	
“ “ highway maintenance .....	17.00	
		<hr/>
		\$891.77
Expended:		
For: labor as per pay rolls .....	\$719.55	
city teams @ \$1.25 per horse per day .....	9.68	
76 loads gravel from Waverly ave. pit.....	7.60	
1,549 loads (part of 28,990 loads due highway).....	154.90	
		<hr/>
		891.73
Balance in treasury.....		\$.04
Due to highways for 1,350 loads gravel to be adjusted .....	\$135.00	

## MOVING SEWALL SCHOOL BUILDING.

On June 12, 1905, the Board of Aldermen passed Order No. 2787, ordering the Sewall School building moved from its position on Upham street to the rear of the High School lot, and appropriated \$3,500.00 therefor. Mr. L. A. Dow, architect, was employed to make the necessary plans and to have a general oversight of the work, and through him contracts were made with A. A. Hersey for driving piles, W. A. Smith for moving the building, G. H. Taylor & Co. for doing the necessary plumbing heating, etc., David H. Woodward for doing the carpenter work, the city undertaking to build the cellar wall and do all other incidental work.

There were many unforeseen difficulties encountered which materially increased the cost; in the first place, it was found that the building would not pass between the trees on the High School lot, and it was necessary to either take off the porch or sacrifice three elm trees, the former was done; second, the position of the building as located by the school committee would not permit of excavating for the cellar and they also desired that the cellar be made 11 feet in the clear instead of 8, and agreed to, and did pay \$200.00 towards the additional expense. With the building in its new position and at its new elevation, it was necessary to purchase new columns for support in the cellar, new basement windows and frames, and also a change in the steps to the building; further than this, when the heaters were being set, the state inspector insisted that they be entirely bricked in and that all cold and hot air ducts be of sheet iron instead of wood as before; the sewer which was already constructed and which it was intended to use for this building was found to have settled and had to be taken up and relaid, all of which caused an expense not originally contemplated, and much of which could not have been foreseen or anticipated, and as a result a further appropriation of \$1,400.00 was asked of the Mayor in order that the work might be completed.

## RECEIPTS AND EXPENDITURES.

## Appropriation:

June 12, 1905, Order No.		
2787 B. ....	\$2,000.00	
August 3, 1905, Order No.		
2787 C. ....	1,500.00	
Transferred from school appro-		
priation .....	200.00	
	<hr/>	\$3,700.00

## Expended:

As per detailed statement fol-  
lowing .....\$3,768.87

## Less bills unpaid:

Highway division, for teams		
and crushed stone .....	\$109.50	
Water division, for stock		
and labor.....	17.55	
Sewer division, for cement,	70.00	
L. A. Dow, commission ....	130.00	
	<hr/>	327.05
		<hr/>
		3,441.82

Balance in treasury .....\$258.18

## SEWALL SCHOOL HOUSE.

## EXPENDITURES IN DETAIL.

## Excavating:

Foundation and piling ....	\$44.88	
Cellar—teams .....	13.75	
Cellar—labor .....	97.28	
	<hr/>	\$155.91

## Concreting for back wall and foundation for piles:

Labor.....	\$33.07
Teams .....	3.12
80 bags cement @ .40 ....	32.00
16 yards sand from yard ...	8.00

1 bbl. Rosendale cement	\$1.15	
23,200 lbs. crushed stone @		
87c. per ton . . . . .	10.09	
	<hr/>	\$87.43
Concreting cellar:		
Labor—leveling . . . . .	\$10.25	
Labor—concreting . . . . .	121.59	
Teams . . . . .	3.67	
57,680 lbs. crushed stone @		
87c. per ton . . . . .	25.09	
175 bags Portland cement @		
.40 . . . . .	70.00	
Lumber from J. P. Deering	2.65	
	<hr/>	233.25
Connecting Sewer and Repair Drains and Blow off:		
from High School:		
Labor . . . . .	\$4.87	
54' 5" sewer pipe @ .10 . . .	5.40	
142' 6" sewer pipe, @ .12 . .	17.04	
3 6 x 5 ys. . . . .	1.62	
10' ex. heavy 5" drain pipe,		
cast iron . . . . .	4.00	
6 bags Portland cement,		
@ .40 . . . . .	2.40	
Labor and teams . . . . .	79.05	
	<hr/>	114.38
Grading Grounds:		
Teams . . . . .	5.32	
Labor . . . . .	102.94	
	<hr/>	108.26
Building Wall:		
Teams . . . . .	\$31.10	
Teaming stone from South		
avenue . . . . .	43.88	
Labor on walls . . . . .	1,080.25	
Labor cleaning up . . . . .	5.38	
Teams, cleaning up . . . . .	3.12	

5,600 lbs. crushed stone ..	\$2.44
516 bags cement @ .40.....	206.40

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\$1,372.57

Less on $\frac{a}{c}$ of raising building..	457.52
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To $\frac{a}{c}$ cost (" A ").....	\$915.05
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## Bills:

Lane Bros., brick work ....	62.00
Labor, cleaning brick and tending mason ...	36.68
Deering Lumber Co. ....	8.12
Hersey, A. A., piling .....	189.94
Smith, W. A., moving bldg...	322.00
McCarthy, Dr., medical attendance .....	1.00
McCoubry, sharpening tools	1.20
	<hr/> 1,536.18

D. H. Woodward, carpen- tering bill .....	299.71
Geo. H. Taylor, as per agree- ment .....	145.00
	<hr/> \$2,680.12

## " A " Account of raising building:

From $\frac{a}{c}$ building wall ....	\$457.52
Brockway Smith Co., frames .....	63.00
	<hr/> 520.52

Extra carpenter work not included.

" B " Account of changes in heater, etc., as required by State  
Inspector:

## Bills:

Lane Bros., heater and boiler .....	\$109.25
Smith & Anthony Co., cov- ering bars.....	10.50
Jos. Edwards, iron work....	3.15



Lally, Colman Co. ....	\$68.90	
J. Russell & Co., metal laths	5.06	
Robt. Philpot, pitch and labor .....	16.50	
Coyle, F. E., tar paper, bur- lap, etc. ....	5.32	
Perry, H. J., hardware .....	.50	
Geo. H. Taylor, gal. iron duct .....	35.00	
Geo. H. Taylor, cold air box	125.00	
35 bags cement .....	14.00	
Teaming brick and granite from old lot .....	27.50	
	<hr/>	\$420.68

## Water service:

Labor putting in sewer . . .	\$9.00	
digging out old sewer	9.48	
Stock used .....	11.55	
	<hr/>	
Credit:	30.03	
By 416 lbs. old lead to shop @ .03 .....	12.48	
	<hr/>	\$17.55
Architect commission .....		130.00
		<hr/>
		\$3,768.87

## Bills unsettled:

Highway div. for teams and crushed stone .....	\$109.50	
Water div. for stock and labor .....	17.55	
Sewer div. for 175 cement . .	70.00	
L. A. Dow, architect, com..	130.00	
	<hr/>	\$327.05

# CARE OF TREES, OR THE EXTERMINATION OF BROWN-TAIL AND GYPSY MOTHS.

There was appropriated in March the sum of \$1,000.00 and in April the sum of \$500.00, this together with the unexpended balance \$50.25, and the collections, \$70.38, was all the funds provided the Public Works Department for this work.

In June the Mayor appointed John J. McCullough to take charge of the work, and accordingly all implements and tools in the possession of the Public Works Department purchased for this purpose, together with the unexpended balance, \$307.72, were turned over to the new management, and inasmuch as the funds provided after this date were far in excess of the above amounts, reference is made to Mr. McCullough's report.

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Balance Feb. 1, 1905.....	\$50 .25
Appropriation March 13, 1905, Order No. 2767 .....	1,000 .00
Appropriation April 17, 1905, Order No. 2806 .....	500 .00
Collection paid Treasurer by W. D. Hunter, June 29th.....	70 .38
	<hr/>
	\$1,620 .63
Expended:	
For labor as per pay rolls .....	\$1,163 .31
Insurance, Small & Hatch No. 82,224 .....	\$34 .55
Insurance, Small & Hatch No. C 101,705 .....	25 .00
Insurance, Small & Hatch No. D 101,665 .....	25 .00
James Huggins & Sons, creosote ...	30 .00
Samuel E. Jordan, brushes .....	4 .80
Perrin, Seamans & Co., $\frac{1}{2}$ doz pruners.....	6 .00

D. C. Albee, for painting houses damaged .....	\$21.75	
A. W. Dunton Printing Co., advert. ....	.50	
S. G. Potter, advertisement .....	1.50	
Melrose Journal, advertisement. ....	.50	
		<hr/>
		\$1,312.91
Balance turned over to moth department.		<hr/>
		\$307.72

## DIX POND.

As stated in my last report, this pond has practically been filled and only needs to be properly graded and drained, but before doing this I would advise that the city acquire by purchase or otherwise definite title to what was originally the pond, and reference is made in my request to the Mayor, Sidney H. Buttrick, on January 18, 1905, and to Charles J. Barton, on January 15, 1906, for appropriations for doing this work, in explanation of which I stated as follows: "In regard to the first two items which refer to Dix pond, I have to say that the pond is practically filled and it only needs now to be graded and drained to make it more or less ornamental, but in connection with this work I would suggest for your consideration the advisability of raising funds sufficient not only to grade and drain the present land to which the city has title, but a sum sufficient to acquire by purchase or other wise the back land of the lots situated on Myrtle and Essex streets, and that the whole be graded and laid out with walks and shrubs around the borders, and that a ball ground may be had in the centre. This ball ground could be so graded and arranged that during the winter months it could be flooded for skating."

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Balance February 1, 19 5 .....	\$1.48	
Expended:		
H. J. Perry, padlock for gate, .....	.35	
Balance .....		<hr/>
		\$1.13

## STREET BOUNDS.

Balance February 1, 1905 .....	\$64.79
No expenditures	

## CITY SCALES.

In accordance with the ordinance all materials purchased by the city, so far as I am aware, have been weighed on the city scales, and in addition to these, goods of outside parties or individuals have been weighed and the fees established by ordinance collected. These collections have amounted to \$29.50, and were paid to the Treasurer.

## STATEMENT OF RECEIPTS AND EXPENDITURES.

Amount transferred from treasury account	\$3.25
Expended:	
S. S. Porter, for installing electric bell ..	3.25

## MISCELLANEOUS WORK.

## MAIN STREET WIDENING.

This work was commenced in 1904 under a contract with James L. Bryne of Dorchester. In the early spring of 1905 the contractor was notified to continue and complete the work; this he neglected and declined to do, and on April 29, 1905 I received a communication from the Mayor ordering me to complete the work of widening Main Street and to charge the expense incurred to James L. Bryne, the contractor.

In addition to the widening and rebuilding of Main Street, the Board of Aldermen also passed an order to lay the curbing on both sides of the street from Porter Street to the Wakefield line, a portion of this expense (\$1,884.12) to be paid by the railway company and the balance (\$3,365.14) to be paid by the city. The contract of Bryne included all of the work to be done under both of these orders, and at the time he abandoned his contract or refused to complete the work under the same, there was reserved under and in accordance with the terms of the said contract, \$4,140.54. The work was completed at an ex-

pense of \$17,208.72; this together with the cash paid the contractor (\$16,562.17) makes a total expenditure of \$33,770.89 on account of work performed under the contract of James L. Bryne. The amount of the final estimate of work performed, according to the prices named in said contract, was \$34,061.14, leaving a balance to the credit of Byrne of \$290.25; but there was due the city from James L. Bryne, for sundry charges for materials furnished and labor performed in 1904, the amount of \$200.98, leaving a net balance due to the said Bryne on the completion of the contract of \$89.27.

The total cost to date of widening and rebuilding Main Street, exclusive of land damages and including the cost of curbing the street, is as follows:

Amount of engineer's final estimate of work performed under contract of James L. Bryne .....	\$34,061.14
Sundry bills paid .....	4,928.63
	<hr/>
Total .....	\$38,989.77
Paid by the City of Melrose for curbing ..	\$3,365.14
Paid by the Boston & Northern Street Railway Company, under agree- ment .....	35,624.63
	<hr/>
Total .....	\$38,989.77

All the bills have been paid with the exception of the balance due James L. Bryne of \$89.27, and minor charges due the city amounting to \$200.98, making a total of \$290.25. This amount is in the hands of the Treasurer pending settlement with the contractor.

#### BILLS APPROVED AND PAID FROM CONTINGENT FUND.

Labor as per pay roll, repair fountain ...	\$1.12
Brock Bros., stock, repair fountain.....	.57
D. H. Woodward, labor and stock for weigher, order 2643 .....	12.50

Samuel Knight, ring bell Congregational church, Highlands, Feb. 22d, April 19th, June 17th and Jul. 4th	\$8.00
Chas. J. Wing, ring bell, City Hall, Feb. 22d, April 19th, June 17th and July 4th.....	8.00
Chas. O. Wheeler, ring bell, 1st M. E. church, Feb. 22d, April 19th, June 17th and July 4th.....	8.00
A. B. McElwraith, ring bell Congregational church, Feb. 22d, April 19th, June 17th and July 4th ....	8.00
P. C. McGonnegal, ring bell at Catholic church, Feb. 22d, April 19th, June 17th and July 4th.....	8.00
Thos. S. Love, rep. fence City Hall.....	2.00
Hood, Robert, $\frac{1}{2}$ contract for ice for fountain .....	16.00
Allen Bros., 13 ) $1\frac{1}{2}$ " door numbers .....	6.65
Altamont Ice Co., $\frac{1}{2}$ contract for ice for fountain .....	16.00
	<hr/>
	\$94.84

## ENGINEERING DIVISION.

Few realize the importance of this division of the Public Works Department, and the increasing demand upon the assistants for information; it is not only a bureau of general information for the Public Works Department, but for all other departments of the city, and in fact for all citizens, and with the increased demands upon them it is impossible to do the work as it should be. This division should have time at its disposal to properly keep its records in the way of plans and measurements of all underground structures, etc., and have them so systematized that they would be easy of access at all times. However much information may be accumulated, unless the same is so arranged that convenient reference can be made to it, it is practically worthless.



## SYNOPSIS OF WORK DONE.

## For Highway Division:

Street lines and grades for construction, gutters, crossings,  
etc.

Crystal street, grades for filling.

Walton park, gutters N. and S. of Orris street.

Highland avenue, Main street, west to Sargent street, filling  
and gutters.

Highland avenue, Main street, east to Hesseltine avenue, filling  
and gutters.

Main street, Porter street, north, gutters.

Fletcher street, grades for filling and gutters.

Orient avenue, grades for filling.

Sylvan street, grades for construction and retaining wall.

South avenue, gutters and grading.

Reading Hill avenue, line and grade for guard rail.

Franklin street, gutter, north side

Ashmont street, gutter, north side.

Florence street, grading sidewalk.

Porter street, gutters, School street to East street.

East Foster street, grades for relaying sidewalk.

Vinton street, " " " "

W. Emerson street, " " " "

## For Sewer Division:

Streets sewered, plans and grades given, estimates rendered,  
plans and profiles made.

Goodyear avenue .....	545 ft. 10" pipe
Pleasant street .....	239 ft. 8" pipe
Sewall Woods road.....	680 ft. 6" pipe
Clifton park .....	100 ft. 6" pipe
	<hr/>
	1564 ft. Total

### Grades given for private sewers:

215 Vinton street.

36 and 42 York terrace, taking survey.

158 Essex street.

Boston Rubber Shoe Co.

403 and 405 Pleasant street.

Sewall school.

### For Water Division:

Lines for construction spiked out, estimates of cost made, drawings and blue prints of special castings furnished.

Fletcher street . . . . .	380	feet
Forest street . . . . .	375	"
Winter street . . . . .	160	"
East street . . . . .	516	"
E. Foster street . . . . .	141	"
School street . . . . .	510	"
South avenue . . . . .	190	"
Upham street . . . . .	3,444	"
Scattered connections . . . . .	355	"

General water plans plotted to date.

### Record Plans:

For establishing grades, streets cross sectioned, plans and profiles made, viz.:

Charles street, for grade of catch basins.

Highland avenue, Main street to Sargent.

Highland avenue, Main to Hesseltine avenue.

Winthrop place, for rebuilding street.

Vinton street, Youle to Otis for sidewalks and catch basins.

Ashmont street, for grading and gutters.

Walton park, Orris to Franklin street, gutters.

South avenue, for rebuilding street.

Upham street, for setting curb corners,

First Street, for setting curb corners.

## For Sidewalks:

1. CURBING.—Plans and profiles made, lengths and radii computed, lines and grades given, work measured.

	Straight	Curved
Individual walks (see table) . . . . .	1,430.68	85.64
Continuous walks (see schedule) . . . . .	494.18	41.29
Highways. . . . .	417.57	418.90
Total. . . . .	2,342.43	545.83

2. CONCRETE.—Under contract with T. Norris & Co. and C. L. Hoffman. Laid out, inspected, measured and estimates rendered.

## (A) REPAIRS OF PRESENT WALKS.

FOR	Quantities in Square Yards.			
	Repairs	New Work	Top Dressing	Total
Sewer Division . . . . .	13.88	.....	.....	13.88
Water Division . . . . .	11.60	30.66	1.00	43.26
Surface Drainage Division . . . . .	35.60	118.52	41.12	195.24
Continuous Walks . . . . .	.....	377.19	.....	377.19
Individual Walks . . . . .	.....	487.76	.....	487.76
Repairs of Present Walks . . . . .	529.00	814.00	352.00	1695.00
Highways . . . . .	.....	292.95	44.66	337.61
Totals . . . . .	590.08	2121.08	438.78	3149.94
(b) Individual Walks . . . . .	.....	487.76	.....	487.76
(c) Continuous Walks . . . . .	.....	377.19	.....	377.19
Totals . . . . .	590.08	2986.03	438.78	4014.89

## 3. BRICK WALKS

W. H. Flanders, 97 Bellevue avenue. . . . . 155.00 sq. yds.

## 4. GRANOLITHIC WALK.

Geo. Lord, 142 E. Emerson street . . . . .	83.02	sq. yds.
Geo. E. Briggs, 156 E. Emerson street . . . . .	175.95	"
Mary I. Hersey, 16 Vine street . . . . .	35.05	"
J. M. Currier, 974 Main street . . . . .	278.46	"
Total . . . . .	572.48	"

## For Surface Drainage:

Surveys, computations and plans made, lines and grades given for all work constructed during the current year, viz.:

Charles street, Main drain to Emerson street.

Emerson street, Ell pond brook to Bellevue avenue.

First street, Lebanon street to Gooch street.

Grove street., catch basin at Main street.

Highland avenue, catch basin at Sargent street.

Lebanon street, main drain to Larrabee street.

Meridian street, catch basin at Beech avenue.

Prospect street, catch basins at low point.

Upham street, Ell pond brook to Gooch street.

Vinton street, main drain to Youle street.

Walton park, brook north to Franklin street.

Estimates for work proposed for 1905.

Surveys, plans and estimates for proposed drainage of Bennett's brook area.

Surveys, plans and estimates for proposed drainage at Wyoming Cemetery and Linwood avenue.

Proposed drain, Winthrop place.

## For Abutters:

204 Howard street, line and grade for wall.

Gibbons street and Mystic avenue, for wall.

Whittier street, east side for grading.

Upham street and Main street, for line,

43 Fletcher street, line and grade.

35 Cass street, line and grade.  
58 Ferdinand street, line and grade.  
Public Library, Emerson street, line and grade.  
D. E. Caswell, Franklin street, grade for step.  
L. S. Gould, Main street, line and grade.  
J. M. Currier, Howie court, line and grade.  
A. C. Goss, South avenue, line and grade for wall.  
S. W. Clifford, Meridian street, line and grade.  
Ed. J. J. Brady, Oakland street, line and grade .  
Dr. Carter, W. Linden street, setting bound.  
F. M. Hoyt, Fletcher street, line and grade.  
E. C. Hunnewill, 33 Meridian street, line.  
No. 64 and 68 Melrose street, line and grade for fence.  
Miss Hary Hersey, Vine street, for grading.

For Assessing Department:

Revision of sewer assessments as called for. Schedule of assessments for continuous walk built in 1904.

For Assessment Plans:

New houses located and plotted.  
Lot revision as known.  
Private sewers for 1904 plotted.  
Sewers built in 1904 shown.

Main Street Widening:

Crosssection Porter street to Wakefield, line showing condition of work as left by contractor.  
Monthly estimate of work done.  
Lines and grades for curbing and guard rails and construction plans for crossings.  
Inspection of concrete work. Plan of Franklin square for B. & N. special work, etc.

## Miscellaneous:

Data for 1914 report.

Survey and plans of 40 lots in Wyoming cemetery and 3 blue prints of each plan.

Grades for grading Melrose common.

Plan showing St. R. R. on East Side.

Survey and plans of Baptist church and City property Main and Upham streets.

Plan showing suggested change in city line.

Batters for relocation of Sewall School.

Plan of Upham street for State highway commission.

Survey and plan showing proposed extension of W. Emerson street.

City of Melrose plan showing areas of land and water for U. S. Government.

Levels at Central Fire station

Levels on dumps for city ashes.

Index of benches.

Index of lot plans.

CLASSIFIED DIVISION OF THE WORK OF THE ENGINEERING  
OFFICE REDUCED TO MONEY.

Assessment plans.....	\$76.12
Concrete inspection .....	174.75
Street numbering.....	22.12
Grade plans .....	115.62
Schools .....	7.19
Abutters .....	26.38
Melrose common .....	21.61
Wyoming cemetery .....	44.36
Special surveys .....	25.69
Surface drainage division .....	488.15
Highway division .....	336.80
Sewer division .....	246.21
Water division .....	24.88



*Main street widening .....	\$488.06
General office .....	504.81

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\$2,602.75

\*Refunded by B. & N. St. Ry. Co.

#### STATEMENT OF RECEIPTS AND EXPENDITURES.

Appropriation for salaries .....	\$2,500.00	
Received from Main street widening....	488.06	
Appropriation for contingent .....	250.00	
		<hr/>
		\$3,238.06

#### Expended:

For salaries as per pay rolls .....	\$2,602.75	
For supplies as per invoice .....	219.45	
		<hr/>
		\$2,822.20

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\$415.86

Balance in treasury, salary % .....	\$385.31
Balance in treasury contingent % .....	30.55

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\$415.86

#### IN GENERAL.

I wish to call to your attention, and to the attention of the Board of Aldermen, some things which suggest themselves to me as being worthy of consideration.

First, as to the condition of our streets in connection with the surface drainage; there has now been expended sixty of the one hundred thousand dollars authorized by the Legislature for this purpose. That this work is now appreciated is evinced by the urgent requests for the extension of the system. But I think, and am positive that upon consideration others will agree, that the streets in which drains are laid should be more or less permanently repaired by at least having the corners curbed, gutters, paved where necessary and the street resurfaced either with

gravel or macadam, otherwise not only do we fail to receive the full benefit of the drains but the lack of this work is liable to be detrimental to them as the wash from the streets cannot all be caught in the catch basins.

Second, to the sidewalk ordinance; I would suggest that certain changes be made and the entire ordinance be redrawn, particularly that portion which refers to the removal of snow. I would recommend that the Board of Aldermen be asked to pass annually, in the same manner as they do for sprinkling the streets, an order designating the sidewalks from which snow should be removed. I also suggest that the Board of Aldermen, or some committee duly authorized, give hearings to abutters and fix the kind, style, width and grade of sidewalks, so that in the future all walks built on any particular street shall be of the same material and the same general style, looking forward to having at some time in the future all walks on each street uniform. In this connection, would again like to call your attention to my remarks on this subject in my letter to you of January 15, 1905, which are in part as follows: "I am thoroughly convinced that better and more satisfactory results can be obtained by constructing continuous sidewalks on streets than by spending the money in front of individual estates upon the request of the owners. In the former case all work done will necessarily be of the same material, on a uniform grade, width, etc., while to permit individuals to apply for a walk in front of their particular premises unavoidably tends to the opposite result. In this connection I might call to your attention wherein it seems advisable to me to have the ordinance pertaining to the construction of sidewalks amended, so that the Board of Aldermen, if in their judgment they should deem it a public convenience and necessity, might order continuous sidewalks without waiting to receive a petition from five or more persons."

Third, to the lines of the highways, and would invite your attention particularly to Florence street (from Wyoming avenue to Russell street), the junction of Summer street, Lynde street and Mystic avenue, Heyward avenue, Lynde street and Green street. The streets are not laid out with a view to

economy, convenience or beauty, and its repetition should be avoided; the entire territory of the city should be surveyed and the position of the future streets of Melrose determined and fixed.

In conclusion I wish to express my appreciation of the many courtesies extended me by yourself, and your predecessor, Hon. Sidney H. Buttrick, to thank the Board of Aldermen for their consideration, and to commend the faithfulness of the assistants for their ready and hearty co-operation at all times.

Respectfully submitted.

W. DABNEY HUNTER,

Engineer and Supt. of Public Works.

Melrose, Mass., February 1, 1906.

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# Report of City Treasurer

FOR THE FINANCIAL YEAR ENDING JANUARY 31, 1906.

MELROSE, MASS., June, 1, 1906.

TO THE HONORABLE BOARD OF ALDERMEN, Melrose, Mass.

Gentlemen:—I beg to submit herewith my report for the year 1905.

Yours respectfully,

W. R. LAVENDER,  
City Treasurer.

## ANNUAL REPORT.

1905.

WILLIAM R. LAVENDER, City Treasurer,  
In account with CITY OF MELROSE.

### RECEIPTS.

Cash on hand February 1, 1905 . . . .		\$8,761.01
J. W. Murray, col. taxes, 1900 . . . .	\$24.00	
1901 . . . .	193.12	
1902 . . . .	223.80	
1903 . . . .	17,218.40	
1904 . . . .	90,173.64	
1905 . . . .	163,323.89	
J. W. Murray, collector taxes, sewer assessments . . . . .	10,781.88	
Bank and corporation tax . . . . .	14,653.78	
Amounts carried forward . . . . .	\$296,592.51	\$8,761.01

Amounts brought forward . . . . .	\$296,592.51	\$8,761.01
Bonds, sewer . . . . .	10,000.00	
Bonds, water . . . . .	10,000.00	
Brown tail and gypsy moth extermination . . . . .	2,300.04	
Brown tail and gypsy moth, private work . . . . .	200.00	
Cemetery . . . . .	5,662.88	
Cemetery trust funds . . . . .	1,729.50	
Charity department, aid of poor . . . . .	2,487.17	
Charity department, contingent . . . . .	3.75	
City ambulance fund . . . . .	120.85	
Commonwealth of Massachusetts . . . . .	3,796.00	
Contingent, city clerk's . . . . .	425.25	
Contingent, collector's . . . . .	1,254.77	
Fire dept., hay, straw and oats . . . . .	302.00	
Health department, contingent . . . . .	122.70	
Health department, prevention contagious disease . . . . .	783.05	
Interest . . . . .	9,733.13	
Melrose hospital . . . . .	74.00	
Municipal debt . . . . .	246.86	
Municipal loans . . . . .	15,784.13	
Pay roll tailings and unclaimed amounts . . . . .	27.71	
Permanent debt . . . . .	2,108.86	
Permanent loans . . . . .	36,857.34	
Public library, fuel, lights, etc. . . . .	11.04	
School department, contingent . . . . .	1,632.65	
School department, salaries . . . . .	.75	
School department, removal Sewall school . . . . .	1,700.00	
Soldiers' relief . . . . .	297.41	
State aid . . . . .	12.00	
Amounts carried forward . . . . .	<u>\$404,266.35</u>	<u>\$8,761.01</u>

Amounts brought forward . . . . .	\$404,266.35	\$8,761.01
Sinking Funds:		
Central fire station and school note		
sinking fund commissioners	1,272.12	
Sewer loan sinking fund . . . . .	915.00	
Stone crusher note, sinking fund		
commissioners . . . . .	521.10	
Water loan sinking fund commis-		
sioners . . . . .	37,000.00	
Water loan sinking fund . . . . .	492.00	
Tax titles . . . . .	4,524.78	
Temporary loans . . . . .	229,929.61	
Toothaker, E. fund . . . . .	97.26	
Treasury . . . . .	1,259.40	
Water department . . . . .	49,760.83	
Water department, property taken		
by state . . . . .	175,850.08	
Public works department:		
City hall, lighting . . . . .	500.00	
Engineering division, salaries . . . . .	488.06	
Highway division, general repairs		
and maintenance . . . . .	9,083.45	
Main street widening, damages . . . . .	13,745.00	
Main street widening, Bryne con-		
tract . . . . .	18,086.00	
Melrose common, improvement . . . . .	21.00	
Sewer division, construction . . . . .	2,495.79	
Sewer division, maintenance . . . . .	312.35	
Sewer division, private sewers . . . . .	3,017.81	
Sidewalks, new continuous . . . . .	843.56	
Sidewalks, new individual . . . . .	1,540.95	
Street sprinkling . . . . .	4,736.31	
Surface drainage . . . . .	5.41	
Water division, maintenance . . . . .	4,403.40	
		965,167.62
Amount carried forward . . . . .		\$973,928.63

## PAYMENTS.

Amount brought forward .....		\$973,928.63
Ball park, lease of .....	\$100.00	
Bank and corporation tax .....	741.84	
Bonds, water .....	37,000.00	
Bonds for city officers .....	175.00	
Brown tail and gypsy moth exter- mination .....	9,676.86	
Cemetery .....	5,600.00	
Charity department, aid of poor . . .	11,217.13	
Charity department, clerical service	200.00	
Charity department, contingent . . .	77.52	
City ambulance fund .....	26.65	
Claims .....	632.31	
Contingent, aldermanic .....	167.72	
Assessors' .....	593.15	
City clerk's .....	425.22	
Collector's .....	2,089.19	
Election .....	1,759.92	
General .....	1,563.17	
Inspector of buildings	2.50	
Mayor's .....	134.46	
Sealer weights and measures .....	47.42	
Fire dept., chief engineer .....	300.00	
Asst. eng. and clerk . . .	125.00	
Asst. engineer .....	91.66	
Five permanent men . . .	3,900.00	
Sixteen call men at \$50	773.20	
Twenty call men at \$75	1,462.50	
Electrician and driver	876.00	
Engineer and driver . . .	840.00	
Coal and wood .....	464.25	
Contingent .....	9 2.60	
Fire alarm maintenance	290.91	
Amounts carried forward .....	\$82,256.18	\$973,928.63

Amounts brought forward . . . . .	\$82,256.18	\$973,928.63
Fire dept., Fire alarm box, Swains Pond avenue . . . . .	137.70	
Hay, straw and oats . . .	1,391.07	
Horse . . . . .	275.00	
Horse shoeing . . . . .	212.21	
Laundry and new linen . . .	95.01	
Telephone, gas and elec- tric light . . . . .	172.78	
Fourth of July celebration . . . . .	86.90	
Health dept., contingent . . . . .	729.21	
Medical inspection pupils . . . . .	137.40	
Prevention contagious disease . . . . .	1,581.33	
Removal garbage . . . . .	950.59	
Salaries . . . . .	1,000.00	
Insurance . . . . .	826.56	
Interest . . . . .	33,062.82	
Melrose hospital . . . . .	1,020.00	
Memorial Day . . . . .	250.00	
Military aid . . . . .	190.00	
Parks, Ell Pond . . . . .	500.00	
Metropolitan . . . . .	5,922.31	
Pine Banks . . . . .	500.00	
See also public works dept.		
Permanent loans . . . . .	44,531.54	
Police dept., contingent . . . . .	576.94	
Salaries regular officers . . .	11,046.70	
Special officers . . . . .	831.63	
Public library, new building . . . . .	93.15	
Books and magazines . . . . .	1,564.56	
Fuel, lights, etc . . . . .	747.54	
Janitor . . . . .	500.00	
Library supplies and printing . . . . .	278.42	
Salaries . . . . .	1,028.90	
Amounts carried forward . . . . .	\$192,496.45	\$973,928.63

Amounts brought forward .....	\$192,496.45	\$973,928.63
Refunded taxes .....	391.96	
Salaries .....	12,100.00	
School dept., books and supplies ...	5,720.04	
Contingent .....	1,589.74	
Fuel .....	6,747.33	
Furniture .....	561.25	
Printing .....	341.53	
Repairs .....	2,812.55	
Salaries .....	68,920.91	
Transportation of pupils .....	564.00	
Removal Sewall school .....	3,580.07	
Soldiers' burial .....	140.00	
Soldiers' relief .....	3,260.23	
State aid .....	3,332.00	
Sinking Funds:		
Central fire station note sinking fund commissioners .....	432.00	
Central fire station and school note sinking fund commissioners .....	1,272.00	
Sewer loan sinking fund commissioners .....	22,915.00	
Stone crusher note sinking fund commissioners .....	521.00	
Water loan sinking fund commissioners .....	6,744.58	
Unredeemed real estate .....	181.73	
Tax title .....	4,397.20	
Tempoary loans .....	233,935.10	
Taxes, county .....	15,272.57	
Sewerage .....	12,077.04	
State .....	18,600.00	
Toothaker, E. fund .....	102.54	
Water dept., .....	31,116.03	
Amounts carried forward .....	\$650,124.85	973,928.63





# Report of Sinking Fund Commissioners

FOR FINANCIAL YEAR ENDING  
JANUARY 31, 1906.

MELROSE, MASS., June 1, 1906.

TO THE HONORABLE, THE BOARD OF ALDERMEN, Melrose, Mass.

Gentlemen :—We beg to submit herewith our report of the operations of the Sinking Funds for the year 1905.

Yours respectfully,

DANIEL RUSSELL,  
JOHN W. FARWELL,  
CHARLES C. BARRY,  
Sinking Fund Commissioners.

## WATER LOAN SINKING FUND.

W. R. LAVENDER, Treasurer,

In account with WATER LOAN SINKING FUND.

DR.

1905			
Feb.	1	Balance on hand . . . . .	\$6,225.13
		Interest two coupons Mil-	
		ton bonds . . . .	\$ 35.00
	24	“ fifteen coupons	
		school bonds	300.00
April	7	“ eight coupons	
		water bonds .	160.00
		“ four coupons	
		water bonds .	80.00
Amounts carried forward . . . . .			\$575.00      \$6,225.13

Amounts brought forward . . . . .		\$575.00	\$6,225.13
May	6	Interest six mos. on two surface drain- age serial notes each \$2000 . .	70.00
	9	“ sixty and 4-10 coupons water bonds . . . . .	1,203.00
July	25	5 City St. Louis bonds ma- tured . . . . .	5,000.00
		Interest five coupons St. Louis bonds .	100.00
	29	“ twelve coupons sewer bonds .	240.00
		“ twenty-three coupons sur- face drainage bonds . . . . .	460.00
		“ ten coupons wa- ter bonds . . .	200.00
	31	“ Melrose Nat. Bank on de- posit . . . . .	17.31
Sept.	7	“ two coupons Milton bonds	35.00
		“ eight coupons water bonds .	160.00
		“ fifteen coupons school bonds	300.00
	26	“ Melrose Nat. Bank on de- posit . . . . .	5.24
Nov.	2	City of Melrose surface drainage note Oct. 3), '01, 5 years . . . . .	2,000.00
Amounts carried forward . . . . .		\$10,370.55	\$6,225.13

		Amounts brought forward . . . . .	\$10,370.55	\$6,225.13
		Interest City of Melrose on 2 surface drainage notes each \$2000 . . . . .	70.00	
		Sold school fund three surface drainage bonds at 108 . . . . .	3,000.00	
		Premium on three surface drainage bonds \$3000 at 108 . . . . .	240.00	
		Interest accrued on three surface drainage bonds . . . . .	35.67	
Nov.	2	Sold surface drainage fund note, City of Mel- rose surface drainage Oct. 30, '01, five years . . . . .	2,000.00	
		Interest accrued on sur- face drainage note, . . . . .	.45	
		City of Melrose for 37 wa- ter bonds to be retired . . . . .	37,000.00	
	3	Interest, four coupons wa- ter bonds . . . . .	80.00	
		City of Melrose, demand note, Oct. 16, '05 . . . . .	1,000.00	
		Interest Oct. 16 to Nov. 2, demand note, \$1000 . . . . .	1.67	
	27	Interest twenty-nine cou- pons water bonds . . . . .	580.00	
		" Melrose Sav. Bank on de- posit . . . . .	2.24	
Dec.	1	" Melrose Nat. Bank on de- posit . . . . .	7.92	
		Amount carried forward . . . . .	\$54,388.50	\$62,225.13

Amounts brought forward . . . . .		\$54,388.50	\$6,225.13
1906			
Jan.	1	Interest Melrose Savings bank on de- posit . . . . .	2.27
	23	" twenty coupons surface drain- age bonds . . .	400.00
		" forty-three cou- pons water bonds . . . . .	860.00
		" twelve coupons sewer bonds . . .	240.00
	31	" Melrose Nation- al Bank on de- posit . . . . .	5.92
		City of Melrose, surplus 1904 . . . . .	6,252.58
		Interest discount on City of Melrose note, \$5000, 1 year . . .	200.00
		" discount on City of Melrose note, \$2500, 1 year . . .	100.00
		" discount on City of Melrose note \$2000, 1 year . . .	80.00
		City of Melrose, premium received by City on ten water bonds . . . . .	492.00
			<hr/>
			\$63,021.27
CR.			
1905			
Feb.	24	Evelyn A. Farwell, six water bonds 1905 at 100 $\frac{3}{4}$ . . . . .	\$6,000.00
			<hr/>
Amounts carried forward . . . . .		\$6,000.00	\$69,246.40

		Amounts brought forward . . . . .	\$6,000.00	\$69,246.40
Feb. 24		Evelyn A. Farwell, premium on 6 water bonds at 100 $\frac{3}{8}$ . . . . .	22.50	
		Evelyn A. Farwell, accrued interest on six water bonds . . . . .	75.36	
		Estate Eliza A. Farwell, 4-10 of one water bond 1905 . . . . .	400.00	
		Estate Eliza A. Farwell, premium on 4-10 of one water bonds at 100 $\frac{3}{8}$ . . . . .	1.50	
		Estate Eliza A. Farwell, accrued interest on one water bond at 100 $\frac{3}{8}$ . . . . .	5.02	
March 25		Boston S. D. & T. Co., one third rent safe in vault one year . . . . .	11.67	
July 28		Foote & French, three Melrose sewer bonds, 1907 at 101 . . . . .	3,000.00	
		Foote & French, premium on three sewer bonds at 101 . . . . .	30.00	
		Foote & French, accrued interest on three sewer bonds . . . . .	18.33	
Aug. 9		City of Melrose, note, Aug. 5, '05, one year . . . . .	500.00	
		City of Melrose, note, Aug. 5, '05, two years . . . . .	500.00	
		City of Melrose, note, Aug. 5, '05, three years . . . . .	500.00	
		City of Melrose, note, Aug. 5, '05, four years . . . . .	500.00	
		Amounts carried forward . . . . .	\$11,564.38	\$69,246.40



		Amounts brought forward . . . . .	\$11,564.38	\$69,246.40
Sept.	25	Central fire station note fund, one water bond due 1905 . . . . .	1,000.00	
		Central fire station, accrued interest on one water bond . . . . .	16.00	
		Central fire station, 6-10 of one water bond due 1905 . . . . .	600.00	
		Central fire station, accrued interest on 6-10 of one water bond . . . . .	6.40	
1905				
Oct.	16	City of Melrose, demand note, Oct. 16, '05 . . . . .	1,000.00	
Nov.	2	Surface drainage fund, 2 4-10 Melrose water bonds, due 1905 . . . . .	2,400.00	
		Sewer fund, 1 6-10 Melrose water bonds, due 1905 . . . . .	1,600.00	
		School fund, one Melrose water bond, due 1905 . . . . .	1,000.00	
		City of Melrose, to retire thirty-seven water bonds due 1905 . . . . .	37,000.00	
	3	Melrose Sav. Bank, three water bonds, due 1905 . . . . .	3,000.00	
1906				
Jan.	31	City of Melrose, note Jan. 31, one year . . . . .	5,000.00	
		City of Melrose, note Jan. 31, one year . . . . .	2,500.00	
		City of Melrose, note Jan. 31, one year . . . . .	2,000.00	
			<hr/>	68,686.78
		Balance on hand . . . . .		\$559.62
		Cash in Melrose Savings Bank . . . . .	\$132.83	
		Cash in Melrose National Bank . . . . .	246.79	
			<hr/>	\$559.62

## SUMMARY OF WATER LOAN SINKING FUND ACCOUNT.

## RECEIPTS.

Balance on hand Feb. 1, 1905 .....	\$6,225.13	
Received for interest :		
City of Melrose on coupons .....	5,268.00	
City of Melrose on notes .....	521.67	
From other bond coupons .....	170.00	
National and Savings Bank on deposit .....	40.90	
Accrued interest on bonds sold ....	36.12	
City of Melrose, surplus 1904 .....	6,252.58	
City of Melrose, premium on ten new water bonds sold .....	492.00	
Bonds and notes sold or matured ....	13,000.00	
Premium on bonds sold to other sink- ing funds .....	240.00	
City of Melrose, for thirty-seven water bonds matured .....	37,000.00	
	<hr/>	\$69,246.40

## PAYMENTS.

Boston S. D. & T. Co., one-third rent of box in vault .....	\$11.67	
Bonds bought from sundry parties, in- cluding \$54.00 premium paid ..	12,454.00	
Bonds bought from other Melrose sink- ing funds, par .....	6,600.00	
Accrued interest on bonds bought ...	121.11	
City of Melrose for notes .....	12,500.00	
City of Melrose to pay thirty-seven water bonds due Nov. 1, '05, Nos. 1 to 37.....	37,000.00	
	<hr/>	68,686.78.
Balance on hand .....		<hr/> \$559.62

## LIST OF SECURITIES BELONGING TO WATER LOAN SINKING FUND.

February 1, 1906.

	COST PRICE	PAR VALUE
Five Melrose water bonds, 4%, 1907, Nos. 36 to 40 . . . . .	\$5,232.22	\$5,000.00
Three Melrose water bonds, 4%, 1907, Nos. 8, 11, 12 . . . . .	3,045.00	3,000.00
Fourteen Melrose water bonds, 4%, 1907, Nos. 21 to 30, 1 to 3, 35 . .	14,175.00	14,000.00
Twelve Melrose sewer bonds, 4%, 1907, Nos. 251 to 255, 259 to 265 . . . .	12,225.00	12,000.00
Three Melrose sewer bonds, 4%, 1907, No. 256 to 258 . . . . .	3,030.00	3,000.00
Three Melrose water bonds, 4%, 1912, Nos. 21 to 23 . . . . .	3,130.50	3,000.00
Eleven Melrose water bonds, 4%, 1912, Nos. 15 to 25 . . . . .	11,489.50	11,000.00
Two Town of Milton bonds, 3½%, 1910, Nos. 87-88 . . . . .	2,035.00	2,000.00
Four Melrose water bonds, 4%, 1913, Nos. 35 to 38 . . . . .	4,000.00	4,000.00
Ten Melrose school bonds, 4%, 1916, Nos. 146 to 150, 171 to 175 . . . .	10,660.00	10,000.00
Five Melrose school bonds, 4%, 1916, Nos. 1 to 5 . . . . .	5,318.75	5,000.00
Five Melrose water bonds, 4%, 1918, Nos. 456 to 460 . . . . .	5,290.00	5,000.00
Ten Melrose water bonds, 4%, 1925, Nos. 428 to 437 . . . . .	10,000.00	10,000.00
Twenty surface drainage bonds, 4%, 1932, Nos. 41 to 60 . . . . .	21,756.00	20,000.00
Notes, City of Melrose:		
Aug. 5, 1905, one year . . . . .	500.00	500.00
“ “ “ two years . . . . .	500.00	500.00
“ “ “ three years . . . . .	500.00	500.00
“ “ “ four years . . . . .	500.00	500.00
Amounts carried forward . . . . .	\$113,386.97	\$109,000.00

Amounts brought forward . . . . .	\$113,386.97	\$109,000.00
Jan. 31, 1906, one year . . . . .	2,500.00	2,500.00
" " " one year . . . . .	5,000.00	5,000.00
" " " one year . . . . .	2,000.00	2,000.00
Cash in Melrose National Bank . . . .	426.79	426.79
Cash in Melrose Savings Bank . . . . .	132.83	132.83
	<hr/>	<hr/>
	\$123,446.59	\$119,059.62

## SEWER LOAN SINKING FUND.

W. R. LAVENDER, Treasurer,

In account with SEWER LOAN SINKING FUND.

DR.

1905			
Feb.	1	Balance on hand . . . . .	\$3,745.31
		Interest two coupons Mil-	
		ton bonds . . . . .	\$35.00
April	7	" four coupons	
		Waltham bonds	80.00
		" three coupons B	
		& L. R. R	
		bonds . . . . .	60.00
		" fifteen coupons	
		water bonds . .	300.00
May	6	" City of Melrose	
		six mos. on	
		note, March 25,	
		\$3,500 . . . . .	65.62
	9	" 3 6-10 coupons	
		water bonds . .	72.00
	26	City of Melrose, park loan	
		note, May 15,	
		'99, six years . .	1,000.00
			<hr/>
		Amounts carried forward . . . . .	\$1,612.62    \$3,745.31

		Amounts brought forward . . . . .	\$1,612.62	\$3,745.31
May	26	Interest four coupons park loan notes . . . . .	80.00	
		“ one coupon park loan notes . . . . .	120.00	
July	29	“ thirty-seven cou- pons surface drainage bonds . . . . .	740.00	
		“ three coupons C. B. & Q. R. R. bonds . . . . .	52.50	
		“ ten coupon sewer bonds . . . . .	200.00	
	31	“ Melrose National Bank on de- posit . . . . .	14.44	
Aug.	7	“ City of Melrose, discount on note \$529.61, 1 year . . . . .	19.86	
		“ City of Melrose, discount on note \$1500, 1 year . . . . .	56.25	
Sept.	7	“ three coupons B. & L. R. R. . . . .	60.00	
		Three Boston & Lowell R. R. bonds matured . . . . .	3,000.00	
		Interest two coupons Mil- ton bonds . . . . .	35.00	
		“ eleven coupons water bonds . . . . .	220.00	
	25	“ City of Melrose six mos. on note, \$3,500 . . . . .	65.63	
		City of Melrose, for note Sept. 25, '04 . . . . .	3,500.00	
		Amounts carried forward . . . . .	\$9,776.30	\$3,745.31

		Amounts brought forward . . . . .	\$9,776.30	\$3,745.31
Sept.	26	Interest Melrose National Bank on de- posit . . . . .	1.89	
Nov.	2	Sold to water fund 1 6-10 Melrose water bonds, 1905 . . . . .	1,600.00	
		Interest Melrose Savings Bank on de- posit . . . . .	.79	
	3	" two coupons wa- ter bonds . . . . .	40.00	
		" four coupons Waltham bond,	80.00	
	27	" 1 6-10 coupons water bonds . .	32.00	
Dec.	1	" Melrose National Bank on de- posit . . . . .	8.51	
	21	City of Melrose for note, Dec. 8, 1904 one year . . . .	9,200.00	
1906				
Jan.	1	Interest Melrose Savings Bank on de- posit . . . . .	.79	
	23	" ten coupons sew- er bonds . . . .	200.00	
		" two coupons wa- ter bonds . . . .	40.00	
		" thirty-seven cou- pons surface drainage bonds	740.00	
		" three coupons park loan note	60.00	
		" one coupon park loan note . . . .	120.00	
Amounts carried forward . . . . .			\$21,900.28	\$3,745.31



Amounts brought forward . . . . .		\$21,900.28	\$3,745.31
Jan. 23	Interest three coupons C. B. & Q. R. R. bonds . . . .	52.50	
31	" Melrose National Bank on de- posit . . . . .	11.33	
	City of Melrose, sewer as- sessment collections, 1903 . . . . .	2,323.21	
	City of Melrose, sewer as- sessment collections, 1904 . . . . .	12,139.77	
	City of Melrose, sewer as- sessment collections, 1905 . . . . .	7,537.02	
	City of Melrose, premium received on ten sewer bonds . . . . .	915.00	
			44,879.11
			<hr/>
		CR.	\$48,624.42
1905			
Feb. 24	Evelyn A. Farwell, two Melrose water bonds, 1907 at $101\frac{1}{8}$ . . . . .	\$2,000.00	
	Evelyn A. Farwell, premi- um on two water bonds at $101\frac{1}{8}$ . . . . .	22.50	
	Evelyn A. Farwell, accrued interest on two water bonds . . . . .	25.12	
	Estate Eliza A. Farwell, one Melrose water bond 1905 at $100\frac{3}{8}$ . . . . .	1,000.00	
	Estate Eliza A. Farwell, premium on one water bond at $100\frac{3}{8}$ . . . . .	3.75	
Amounts carried forward . . . . .		\$3,051.37	\$48,624.42

Amounts brought forward.....		\$3,051.37	\$48,624.42
Feb. 24	Estate Eliza A. Farwell, accrued interest on one water bond .....	12.56	
	Estate Eliza A. Farwell, 6-10 one Melrose water bond, 1905 at 100 $\frac{3}{8}$ .....	600.00	
	Estate Eliza A. Farwell, premium on one water bond at 100 $\frac{3}{8}$ .....	2.25	
	Estate Eliza A. Farwell, accrued interest on one water bond .....	7.54	
March 25	Boston S. D. & T. Co., one third rent safe in vault, one year .....	11.67	
Aug. 7	City of Melrose note, Aug. 5, '05, one year.....	1,500.00	
	City of Melrose note, Aug. 5, '05, one year.....	529.61	
Sept. 25	City of Melrose note, Sept. 25, '05 one year .....	1,391.14	
Oct. 16	City of Melrose note, Oct. 16, '05, demand .....	6,000.00	
Dec. 21	City of Melrose note, Dec. 8, '05, one year.....	7,927.88	
Jan. 31	City of Melrose, ten Melrose water bonds due March 1, 1912, Nos. 463 to 472 inclusive, at 104.92 ....	10,000.00	
	City of Melrose, premium on ten Melrose water bonds at 104.92 .....	492.00	
	City of Melrose, accrued interest on ten water bonds .....	166.67	
Amounts carried forward .....		\$31,192.69	\$48,624.42

Amounts brought forward . . . . .		\$31,692.99	\$48,624.42
1906			
Jan. 31	City of Melrose ten Melrose, sewer bonds due July 1, 1935, Nos. 351 to 360, at 109.15 . . . . .	10,000.00	
	City of Melrose, premium on ten sewer bonds at 109.15 . . . . .	915.00	
	City of Melrose, accrued interest on ten sewer bonds . . . . .	33.33	
		<hr/>	42,641.02
	Balance on hand . . . . .		\$5,983.40
	Cash in Melrose Savings Bank . . . . .	\$46.61	
	Cash in Melrose National Bank . . . . .	5,936.79	
		<hr/>	\$5,983.40

## SUMMARY OF SEWER LOAN SINKING FUND ACCOUNT.

## RECEIPTS.

Balance on hand Feb. 1, 1905 . . . . .	\$3,745.31	
Received for interest:		
City of Melrose for coupons . . . . .	2,964.00	
City of Melrose for interest on notes . . . . .	207.36	
Other coupons . . . . .	455.00	
National & Savings Banks on deposit . . . . .	37.75	
City of Melrose, sewer assessment col- lected . . . . .	22,000.00	
Notes and bonds paid . . . . .	18,300.00	
City of Melrose, premium received on bonds sold . . . . .	915.00	
	<hr/>	\$48,624.42

## PAYMENTS.

Bonds and notes bought, including premiums . . . . .	42,384.13	
Accrued interest paid . . . . .	245.22	
Expenses rent vault . . . . .	11.67	
	<hr/>	42,641.02
Balance on hand . . . . .		\$5,983.40

## LIST OF SECURITIES BELONGING TO SEWER LOAN SINKING FUND.

	COST PRICE	PAR VALUE
Three Melrose park loan coupon notes, 4%, 1906 to 1908 .....	\$3,000.00	\$3,000.00
One Melrose park loan coupon note, 4%, 1909 .....	6,000.00	6,000.00
Two Melrose water bonds, 4% 1907, Nos. 4-5 .....	2,022.50	2,000.00
Seven Melrose water bonds, 4% 1912, Nos. 24 to 30 .....	7,304.50	7,000.00
Two Town of Milton bonds, 3½%, 1910, Nos. 82-83 .....	2,035.00	2,000.00
Ten Melrose water bonds, 4%, 1913, Nos. 463 to 472 .....	10,492.00	10,000.00
Four City of Waltham bonds, 4%, 1913, Nos. 257 to 260 .....	4,398.44	4,000.00
Two Melrose water bonds, 4%, 1913 Nos. 46 to 47 .....	2,080.00	2,000.00
Ten Melrose sewer bonds, 4%, 1917, Nos. 301 to 310 .....	11,258.05	10,000.00
Two Melrose water bonds, 4%, 1918, Nos. 438 to 439 .....	2,116.00	2,000.00
One Melrose water bonds, 4%, 1918 No. 450 .....	1,058.00	1,000.00
One Melrose water bond, 4%, 1918, No. 455 .....	1,058.00	1,000.00
Seventeen Melrose surface drainage bonds, 4%, 1932, Nos. 4 to 20 .	18,570.80	17,000.00
Twenty Melrose surface drainage bonds, 4%, 1932, Nos. 21 to 40 .....	21,848.00	20,000.00
Ten Melrose sewer bonds, 4%, 1935, Nos. 351-360 .....	10,915.00	10,000.00
Three Chicago B. & Q. R. R. bonds, 3½%, 1949, Nos. 7695 to 7697 .	3,157.42	3,000.00
City of Melrose notes:		
Aug. 5, '05, one year .....	1,500.00	1,500.00
Aug. 5, '05, one year .....	529.61	529.61
Accounts carried forward .....	\$109,343.32	\$102,029.61

Amounts brought forward . . . . .	\$109,343.32	\$102,029.61
Sept. 25, '05, one year . . . . .	\$1,391.14	\$1,391.14
Oct. 16, '05, demand . . . . .	6,000.00	6,000.00
Dec. 8, '05, one year . . . . .	7,927.88	7,927.88
Cash in Melrose National Bank . . . . .	5,936.79	5,936.79
Cash in Melrose Savings Bank . . . . .	46.61	46.61
	<hr/>	<hr/>
	\$130,645.74	\$123,332.03

## SCHOOL LOAN SINKING FUND.

W. R. LAVENDER, Treasurer

In account with SCHOOL LOAN SINKING FUND.

DR.

1905

Feb.	1	Balance on hand . . . . .		\$1,210.01
	1	Interest three coupons Mil-		
		ton bonds . . . . .	\$52.50	
April	7	" nine coupons wa-		
		ter bonds . . . . .	180.00	
May	6	" City of Melrose		
		six mos. to April		
		29, note \$1000	17.50	
		" City of Melrose		
		six mos., note		
		\$5,400 . . . . .	101.25	
	9	" one coupon wa-		
		ter bond . . . . .	20.00	
June	29	" ten coupons Clin-		
		ton bonds . . . . .	175.00	
July	31	" Melrose National		
		Bank on de-		
		posit . . . . .	3.19	
			<hr/>	<hr/>
		Amounts carried forward . . . . .	\$549.44	\$1,210.01

		Amounts brought forward . . . . .	\$549.44	\$1,210.01
Sept.	7	Interest three coupons Milton bonds . . . . .	52.50	
		“ nine coupons wa- ter bonds . . . . .	180.00	
	25	“ City of Melrose six mos. to date note, \$5,400 . . . . .	101.25	
		City of Melrose note, Sept. 25, '04, one year . . . . .	5,400.00	
	26	Interest Melrose National Bank on deposit . . . . .	1.51	
Oct.	31	City of Melrose note, Oct. 29, '04, one year . . . . .	1,000.00	
		City of Melrose note, Oct. 29, '04, one year . . . . .	1,535.10	
Nov.	2	Water sinking fund, one Melrose water bond 1905, No. 33 . . . . .	1,000.00	
		Interest Melrose Savings Bank on de- posit . . . . .	3.83	
	27	“ one coupon wa- ter bond . . . . .	20.00	
	28	City of Melrose note, Nov 24, '04, one year . . . . .	6,520.00	
Dec.	1	Interest Melrose National Bank on de- posit . . . . .	12.63	
	21	“ City of Melrose, discount on note, \$784.13 . . . . .	35.28	
1906				
Jan.	1	Interest Melrose Savings Bank on de- posit . . . . .	3.88	
		Amounts carried forward . . . . .	\$16,415.42	\$1,210.01



Amounts brought forward . . . . .		\$16,415.42	\$1,210.01
Jan. 23	Interest three coupons surface drain- age bonds . . . .	60.00	
	“ ten coupons Clin- ton bonds . . . .	175.00	
31	“ Melrose National Bank on de- posit . . . . .	2.61	
		<hr/>	16,653.03
			<hr/>
		CR.	17,863.04
1905			
Feb. 24	Evelyn A. Farwell, one water bond 1905, No. 33 at 101 $\frac{3}{8}$ . . . . .	\$1,000.00	
	Evelyn A. Farwell, premi- um on one water bond at 101 $\frac{3}{8}$ . . . . .	3.75	
	Evelyn A. Farwell, accru- ed interest on one water bond . . . . .	12.56	
March 25	Boston S. D. & T. Co., one- third rent box in vault one year . . . . .	11.66	
Sept. 25	City of Melrose note, Sept. 25, '05, one year . . . . .	5,400.00	
Nov. 2	Water sinking fund, three Melrose surface drain- age bonds, 1932 . . . . .	3,000.00	
	Water sinking fund, premi- um on three surface drainage bonds at 108 . . . . .	240.00	
	Water sinking fund, accru- ed interest on three sur- face drainage bonds . . . . .	35.67	
28	City of Melrose note, Nov. 24, '05, one year . . . . .	5,998.90	
Amounts carried forward . . . . .		<hr/> \$15,702.54	<hr/> \$17,863.04

Amounts brought forward . . . . .	\$15,702.54	\$17,863.04
Dec. 21 City of Melrose note, Dec. 21, '05, one year . . . . .	784.13	
		<hr/> 16,486.67
Balance on hand . . . . .		\$1,376.37
Cash in Melrose National Bank . . . . .	\$1,149.57	
Cash in Melrose Savings Bank . . . . .	226.80	
		<hr/> \$1,376.37

## LIST OF SECURITIES BELONGING TO SCHOOL LOAN SINKING FUND

	COST	PRICE	PAR	VALUE
Seven Melrose water bonds, 4%, 1918, Nos. 440 to 446 . . . . .	\$7,406.00			\$7,000.00
One Melrose water bond, 4%, 1918, No. 451 . . . . .	1,058.00			1,000.00
One Melrose water bond, 4%, 1918, No. 448 . . . . .	1,058.00			1,000.00
One note, City of Melrose, Oct. 29, 1904, two years . . . . .	1,000.00			1,000.00
One note, City of Melrose, Jan. 16, 1905 . . . . .	2,000.00			2,000.00
One note, City of Melrose, Jan. 16, 1905 . . . . .	1,000.00			1,000.00
Ten Town of Clinton bonds, 3½%, 1930, Nos. 132 to 141 . . . . .	10,924.72			10,000.00
Two Town of Milton bonds, 3½%, 1910, Nos. 85-86 . . . . .	2,035.00			2,000.00
One Town of Milton bond, 3½%, 1910, No. 84 . . . . .	1,017.50			1,000.00
Three Melrose surface drainage bonds, 4%, 1932, Nos. 1 to 3 . . . . .	3,240.00			3,000.00
One note, City of Melrose, Sept. 25, 1905, one year . . . . .	5,400.00			5,400.00
One note, City of Melrose, Nov. 24, 1905, one year . . . . .	5,998.90			5,998.90
One note, City of Melrose, Dec. 21, 1905, one year . . . . .	784.13			784.13
Cash in Melrose National Bank . . . . .	1,149.57			1,149.57
Cash in Melrose Savings Bank . . . . .	226.80			226.80
	<hr/>			<hr/>
	\$44,298.62			42,559.40

## SUMMARY OF SCHOOL LOAN SINKING FUND ACCOUNT.

## RECEIPTS.

Balance on hand Feb. 1, 1905 .....	\$1,210.01	
Received for interest:		
City of Melrose coupons .....	460.00	
City of Melrose on notes .....	255.28	
Other coupons .....	455.00	
National and Savings Banks on deposit.....	27.65	
Bonds and notes sold and matured ...	15,455.10	
	<hr/>	\$17,863.04

## PAYMENTS.

Bonds and notes bought, including premiums .....	\$16,426.78	
Interest accrued on bonds bought ....	48.23	
Rent of safe deposit vault .....	11.66	
	<hr/>	16,486.67
Balance on hand .....		<hr/> \$1,376.37

## TOWN HALL LOAN SINKING FUND.

W. R. LAVENDER, Treasurer,

In account with TOWN HALL LOAN SINKING FUND.

## DR.

1905			
Feb.	1	Balance on hand .....	\$27.03
April	7	Interest three coupons wa- ter bonds.....	\$60.00
May	6	“ City of Melrose, six mos. to Apr. 29, note, \$1500	26.25
		<hr/>	<hr/>
		Amounts carried forward .....	\$86.25      \$27.03

Amounts brought forward . . . . .			\$86.25	\$27.03
July	31	Interest Melrose National Bank on deposit . . . . .	.38	
Sept.	7	" three coupons water bonds . .	60.00	
	26	" Melrose National Bank on deposit . . . . .	.24	
Dec.	1	" Melrose National Bank on deposit . . . . .	.94	
Jan.	31	" Melrose National Bank on deposit . . . . .	.51	
			<hr/>	148.32
Balance in Melrose National Bank . . .				<hr/> \$175.35

LIST OF SECURITIES BELONGING TO TOWN HALL LOAN SINKING  
FUND.

	COST	PRICE	PAR	VALUE
Two Melrose water bonds, 4%, 1918, Nos. 447-449 . . . . .	\$2,116.00		2,000.00	
One Melrose water bond, 4%, 1918, No. 461 . . . . .	1,058.00		1,000.00	
One note, City of Melrose, Oct. 29, 1904, three years . . . . .	1,500.00		1,500.00	
Cash in Melrose National Bank . . . . .	175.35		175.35	
	<hr/>		<hr/>	
	\$4,849.35			\$4,675.35

## SURFACE DRAINAGE LOAN SINKING FUND.

W. R. LAVENDER, Treasurer,

In account with SURFACE DRAINAGE LOAN SINKING FUND.

1905		DR.		
Feb.	1	Balance on hand		\$2,495.83
April	1	Interest four coupons wa-		
		ter bonds	\$80.00	
May	9	" two 4-10 coupons		
		water bonds	48.00	
July	31	" Melrose National		
		Bank on de-		
		posit	4.82	
Sept.	7	" four coupons wa-		
		ter bonds	80.00	
	26	" Melrose National		
		Bank on de-		
		posit	.55	
Nov.	2	Sold water fund two 4-10		
		water bonds, 1905	2,400.00	
	27	Interest two 4-10 coupons		
		water bonds	48.00	
Dec.	1	" Melrose National		
		Bank on de-		
		posit	3.00	
1906				
Jan.	31	" Melrose National		
		Bank on de-		
		posit	1.92	
				<hr/>
				2,666.29
				<hr/>
				\$5,162.12
		CR.		
1905				
Feb.	24	Estate Eliza A. Farwell,		
		two Melrose water bonds		
		1905, Nos. 28-29 at 100 $\frac{3}{8}$	\$2,000.00	
			<hr/>	
Amounts carried forward			\$2,000.00	\$5,162.12

Amounts brought forward . . . . .	\$2,000.00	\$5,162.12
Estate Eliza A. Farwell, premium on two water bonds at 100 $\frac{3}{8}$ . . . . .	7.50	
Estate Eliza A. Farwell, accrued interest on two water bonds at 100 $\frac{3}{8}$ . . . . .	25.12	
Estate Eliza A. Farwell, 4-10 Melrose water bond 1935 at 100 $\frac{3}{8}$ . . . . .	400.00	
Estate Eliza A. Farwell, premium on 4-10 water bond at 100 $\frac{3}{8}$ . . . . .	1.50	
Interest, accrued on 4-10 water bond at 100 $\frac{3}{8}$ . . . . .	5.02	
1905		
Nov. 2 Water fund, one Melrose surface drainage serial note, first series due Oct. 30, 1906 . . . . .	2,000.00	
Accrued interest surface drainage note . . . . .	.45	
	<hr/>	4,439.59
Balance on hand . . . . .		\$722.53
Cash in Melrose National Bank . . . . .		\$722.53

## SUMMARY OF SURFACE DRAINAGE SINKING FUND ACCOUNT.

DR.

Balance on hand, Feb. 1, 1905 . . . . .	\$2,495.83	
Received for interest:		
City of Melrose . . . . .	256.00	
National Bank on deposit . . . . .	10.29	
Bonds sold . . . . .	2,400.00	
	<hr/>	\$5,162.12
Amount carried forward . . . . .		\$5,162.12



CR.	
Amount brought forward .....	\$5,162.12
Bonds bought from sundry parties, including \$9.00 premium paid ..	\$2,409.00
Note bought from other Melrose sinking funds .....	2,000.00
Accrued interest on bonds and notes bought .....	30.59
	<hr/>
	4,439.59
	<hr/>
Balance on hand .....	\$722.53

## LIST OF SECURITIES BELONGING TO SURFACE DRAINAGE LOAN

## SINKING FUND

	COST	PAR VALUE
Three Melrose water bonds, 4%, 1918, Nos. 452 to 454 .....	\$3,174.00	\$3,000.00
One Melrose water bond, 4%, 1918, No. 462 .....	1,058.00	1,000.00
One Melrose surface drainage serial note, first series, Oct. 1, 1901, five years .....	2,000.00	2,000.00
Cash in Melrose National Bank .....	722.53	722.53
	<hr/>	<hr/>
	\$6,954.53	\$6,722.53

## CENTRAL FIRE STATION NOTE SINKING FUND.

W. R. LAVENDER, Treasurer,

In account with CENTRAL FIRE STATION NOTE SINKING

## FUND

## DR.

1905			
Feb.	1	Balance on hand . . . . .	\$1,645.58
May	9	Interest one 6-10 coupon water bond ..	\$32.00
July	31	" Melrose National Bank on de- posit . . . . .	2.98
Sept.	25	Sold water fund, one water bond, No. 34 at par . . . .	1,000.00
		Interest accrued on one water bond . . . . .	16.00
		Sold water fund, 6-10 wa- ter bond, No. 35 at par .	600.00
		Interest accrued on 6-10 water bond . . . . .	6.40
		City of Melrose, budget appropriation, 1905 ...	432.00
	25	Interest Melrose National Bank on deposit . . . . .	.12
			<hr/> 2,089.50
			<hr/> \$3,735.08

## CR.

1905			
Feb.	24	Estate Eliza A. Farwell, one water bond, 1905 at 100% . . . . .	\$1,000.00
Amounts carried forward . . . . .			<hr/> \$1,000.00
			<hr/> \$3,735.08

Amounts brought forward.....		\$1,000.00	\$3,735.08
Feb. 24	Estate Eliza A. Farwell, premium one water bond at 100 $\frac{3}{8}$ .....	3.75	
	Estate Eliza A. Farwell, accrued interest on one water bond .....	12.56	
	Estate Eliza A. Farwell, 6-10 one water bond 1905, at 100 $\frac{3}{8}$ .....	600.00	-
	Estate Eliza A. Farwell, premium on one water bond, at 100 $\frac{3}{8}$ .....	2.25	
	Estate Eliza A. Farwell, accrued interest on 6-10 water bond .....	7.54	
Sept. 25	Estate Eliza A. Farwell, amount in fund toward payment of note, Sept. 25, 1905, one year .....	2,108.86	
			<u>3,734.96</u>
Balance in fund .....			.12



REPORT  
OF THE  
CITY AUDITOR  
OF THE  
CITY OF MELROSE.

---

TO HIS HONOR THE MAYOR AND THE BOARD OF ALDERMEN:

Gentlemen:—I have the honor to submit herewith a statement of the receipts and expenditures of the City of Melrose, beginning on the first day of February, 1905, and ending of the financial year on the thirty-first day of January, 1906, with a detailed statement of each department, a statement of assets and liabilities, a table showing the funded debt, the dates on which the notes and bonds are payable, together with a schedule of the city property.

In accordance with the requirements of Chapter 322, Acts of 1904, I have examined the several trust funds, under the control of the trustees of the public library, and find proper vouchers for, and bank books showing balances as reported by them on pages 111 and 112 of their report.

Respectfully submitted,

EDWIN C. GOULD,

City Auditor.

City of Melrose, Auditor's office.

## FINANCES.

The assessed valuation of the city May 1, 1905, was:

Real estate .....	\$13,865,950.00
Personal estate, including resident bank stock .....	1,463,745.00

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Total valuation .....	\$15,329,695.00
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Increase in valuation from May 1, 1904

to May 1, 1905 ..... 91,840.00

Number of dwelling houses, May 1, 1905 3,334

Population ..... 14,559

Rate of taxation per \$1,000 for 1905

\$18.00 was divided as follows, viz:

City tax ..... \$11.79

County tax ..... .72

State tax ..... .94

State metropolitan park tax..... .39

State sewerage tax ..... .80

Interest, loans and sinking funds ..... 3.02

Overlay ..... .34

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\$18.00

The municipal debt, Jan. 31, 1905 ..... \$61,031.54

Increase..... 52,641.47

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\$113,673.01

Decrease by payments..... 44,531.54

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Total municipal debt, Jan. 31, 1906 ..... \$69,141.47

Total increase for the year..... 8,109.93

## CITY OF MELROSE, MUNICIPAL DEBT.

JANUARY 31, 1906.

## PARK LOAN.

Note due May 15, 1906..... \$1,000.00

May 15, 1907..... 1,000.00

May 15, 1908..... 1,000.00

May 15, 1909..... 6,000.00

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\$9,000.00



## SURFACE DRAINAGE LOANS.

Note due October 30, 1906 . . . . .		\$2,000.00
Sinking fund commissioners:		
Note due Jan. 16, 1906 . . . . .	\$1,000.00	
Jan. 16, 1906 . . . . .	2,000.00	
Aug. 5, 1906 . . . . .	1,500.00	
Aug. 5, 1906 . . . . .	500.00	
Sept. 25, 1906 . . . . .	6,791.14	
Oct. 29, 1906 . . . . .	1,000.00	
Nov. 24, 1906 . . . . .	5,998.90	
Dec. 8, 1906 . . . . .	7,927.88	
Dec. 21, 1906 . . . . .	784.13	
Jan. 31, 1907 . . . . .	2,500.00	
Jan. 31, 1907 . . . . .	2,000.00	
Jan. 31, 1907 . . . . .	5,000.00	
Aug. 5, 1907 . . . . .	500.00	
Oct. 29, 1907 . . . . .	1,500.00	
Aug. 5, 1908 . . . . .	500.00	
Aug. 5, 1909 . . . . .	500.00	
Loring, Tolman & Tupper		
Dec. 7, 1906 . . . . .	14,639.42	
Melrose Savings Bank:		
due Dec. 29, 1906 . . . . .	2,000.00	
due Dec. 29, 1906 . . . . .	1,500.00	
	<hr/>	58,141.47
		<hr/>
		\$69,141.47
Less sinking funds . . . . .		.12
		<hr/>
Total net municipal debt, Jan. 31, 1906		\$69,141.35

## BONDED DEBT.

## CITY HALL DEBT.

Town hall bonds, 4%, due Sept. 1,		
1912 . . . . .	\$45,000.00	
Less sinking funds . . . . .	4,849.35	
	<hr/>	\$40,150.65

## SCHOOL HOUSE DEBT.

School house bonds, 4%, due Feb. 24,		
1916 .....	\$200,000.00	
Less sinking funds .....	44,298.62	
	<hr/>	\$155,701.38

## SEWERAGE DEBT.

Sewer bonds, 4%, due	June 1 1907..	\$25,000.00	
	“ “ 1912..	25,000.00	
	“ “ 1917..	50,000.00	
	“ “ 1924..	100,000.00	
	“ “ 1925..	100,000.00	
	“ “ 1926..	50,000.00	
	July “ 1935..	10,000.00	
		<hr/>	
		\$360,000.00	
Less sinking funds .....		130,645.74	
		<hr/>	\$229,354.26

## SURFACE DRAINAGE DEBT.

Surface drainage bonds, 4%, due July		
15, 1932 .....	\$60,000.00	
Less sinking funds .....	6,954.53	
	<hr/>	\$53,045.47

## WATER DEBT.

Water bonds, 4%, due	May 1, 1907	\$50,000.00	
	May 1, 1912	25,000.00	
	Sept. 1, 1912	37,000.00	
	Oct. 1, 1913	50,000.00	
	Mar. 1, 1918	35,000.00	
	July 1, 1925	38,000.00	
		<hr/>	
		\$235,000.00	
Less sinking funds .....		123,446.59	
		<hr/>	111,553.41
			<hr/>
			\$589,805.17

## RECAPITULATION OF THE TOTAL DEBT, JANUARY 31, 1906.

Municipal debt .....	\$69,141.35	
City hall debt .....	40,150.65	
School house debt .....	155,701.38	
Sewerage debt .....	229,354.26	
Surface drainage debt .....	53,045.47	
Water debt .....	111,553.41	
	<hr/>	\$658,946.52
Total debt January 31, 1905 .....		669,302.65
		<hr/>
Decrease .....		\$10,356.13

## DEBT STATEMENT.

Total amount January 31, 1905 .....		\$669,302.65
Decrease in 1905 .....		10,356.13
		<hr/>
		\$658,946.52
Decrease in City hall debt .....	\$148.32	
Schoolhouse debt .....	1,134.19	
Sewerage debt .....	16,183.64	
Surface drainage debt .....	226.70	
Water debt .....	2,418.79	
	<hr/>	20,111.64
Increase in municipal debt .....		9,755.51
		<hr/>
Total decrease .....		\$10,356.13

## CASH ACCOUNT FOR 1905.

Cash on hand Jan. 31, 1905 .....	\$8,761.01
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## RECEIPTS.

For details see treasurer's report, page 263 .....	\$965,167.62
	<hr/>
	\$973,928.63

## By payments:

February 28, 1906 .....	\$20,600.49	
March .....	51,646.33	
April .....	52,721.08	
May .....	37,327.35	
June .....	54,817.02	
July .....	57,971.41	
August .....	27,169.79	
September .....	51,913.33	
October .....	61,534.30	
November .....	142,234.68	
December .....	147,797.49	
January .....	89,081.28	
	<hr/>	
	\$794,814.55	
Cash on hand January 31, 1906 .....	179,114.08	
	<hr/>	\$973,928.63

## TREASURY.

Balance January 31, 1905 .....	\$1,059.89
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## RECEIPTS.

Commonwealth of Mass., support of paupers .....	\$100.20
Fire department, old horse sold .....	172.50
old hose sold .....	3.00
R. R. damage in en- gine in transit ...	6.00
First district court, fines .....	144.75
Health department, licenses and fees .	33.00
House of correction, fines .....	70.00
Hunter, W. D. city hall use of .....	149.91
“ “ “ scales, fees .....	29.50
Jones, W. DeHaven, city clerk's fees .	573.50
Mayor's office, licenses .....	18.00
Pierce, W. L., sealer of W. and M. fees .	43.06
Town of Danvers, for aid to paupers ..	16.90
	<hr/>
	\$1,360.32

Transferred from charity dept. ....	\$352.08	
Transferred from unexpended bal- ances. ....	809.84	
	<hr/>	\$2,522.24
		<hr/>
		\$3,582.13

## Expended.

## Transferred to:

Aldermanic contingent .....	\$25.00	
Charity department .....	469.18	
City clerk's contingent .....	425.00	
City scales .....	3.25	
Fire department .....	200.00	
Health department, contagious diseases .....	385.00	
Health department, contingent ...	28.00	
Pine Banks Park .....	500.00	
Police department, contingent ...	11.66	
Police department, special officers ..	200.00	
Sealer of weights and measures ....	23.35	
Soldiers' relief .....	800.00	
	<hr/>	\$3,070.44

Balance to 19 6 .....	\$511.69
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## LEDGER BALANCES, JANUARY 31, 1906.

	DR.	CR.
Cash .....	\$179,114.08	
Cemetery .....	8,822.50	
Charity department, aid of poor ..	1,339.91	
Charity department, contingent ..		\$26.23
Claims .....	763.43	
Commonwealth of Mass. ....	3,578.50	

## Contingent:

Aldermanic .....	.54
Assessors .....	2.07
City clerk .....	.03

Collector .....	\$84.27	
Elections .....	259.92	
General .....		\$41.24
Inspector of buildings .....		25.50
Mayor's .....		8.53
Sealer of weights and measures .....		.93
Bonds of city officers .....		15.00
Fire department .....		26.99

## Health department:

Sundry accounts .....		180.71
Contagious diseases .....	1,040.09	
Insurance .....		276.03
Interest .....		10,336.53
Melrose hospital .....		54.00
Military aid .....		231.00
Police department .....		266.04
Public library .....		463.89
Public library building .....		19.29

## School department:

Sundries account .....		110.60
Contingent .....	629.23	
Fuel .....	246.92	
Soldiers' burial .....	70.00	
Soldiers' relief .....	299.40	
State aid .....	271.00	
Taxes uncollected .....	148,377.93	
Tax titles .....	5,144.73	
Tax titles, City of Melrose .....	1,356.95	
Treasury .....		511.69
Trust fund, cemetery .....		12,699.00
Trust fund, E. Toothaker .....		1,209.49
Overlays .....		4,814.79
Loans, temporary .....		108,929.61
Sewer assessments .....	36,475.21	
Sewer assessments fund .....		39,720.07



Deficiencies, B. & C. tax .....		\$538.63
Ell pond park .....	\$500.00	
Fourth of July celebration .....		2.07
History of Melrose .....		129.21
Brown-tail and gypsy moth .....		6,673.43
Brown-tail and gypsy moth, private work .....		200.00
Pay roll tailings .....		27.71
Water department, property taken by state .....		174,017.62
Public works department:		
City hall .....		126.88
Collecting ashes .....		183.62
Dix pond .....		1.13
Engineering division .....		415.86
Highways .....		294.08
Life saving apparatus .....		21.73
Main street curbstone .....	3,365.14	
Main street widening, damages .....		125.05
Main street widening, Bryne ...		290.25
Melrose common .....		.04
Park division .....		1.79
Public works office .....		24.06
Removal Sewall school building .....		119.93
Sewer division .....		2,979.85
Sidewalk division .....		1,034.76
Stone bounds .....		64.79
Street lights .....		102.29
Street sprinkling .....	2,362.25	
Surface drainage .....	112.47	
Water fund .....		11,585.59
Water division construction ..		948.46
Municipal debt .....	15,784.13	
Permanent debt .....	49,775.04	
Schoolhouse debt .....	200,000.00	
Sewer debt .....	350,000.00	
Sewer construction .....	10,000.00	
Surface drainage debt .....	60,000.00	

City hall debt .....	\$45,000.00	
Water debt .....	232,022.14	
Water construction .....	2,977.86	
Central fire station sinking fund commissioners .....		.12
School house loan sinking fund commissioners .....	44.298.62	
Sewer loan sinking fund comm'rs	130,645.74	
Surface drainage sinking fund commissioners .....	6,954.53	
City hall sinking fund comm'rs...	4,849.35	
Water loan, sinking fund comm'rs	123,446.59	
Municipal loans .....		\$18,784.13
Permanent loans .....		50,357.34
Central fire station sinking fund		.12
School house loan sinking fund		51,520.62
School land sinking fund .....		786.00
Sewer sinking fund .....		130,645.74
Surface drainage sinking fund ...		8,161.93
City hall sinking fund .....		6,387.00
Water sinking fund .....		123,446.59
School house bonds .....		200,000.00
Sewer bonds .....		360,000.00
Surface drainage bonds .....		60,000.00
City hall bonds .....		45,000.00
Water bonds .....		235,000.00
		<hr/>
		\$1,669,968.05 \$1,669,968.05

## CITY OF MELROSE BALANCE SHEET.

JANUARY 31, 1906.

## ASSETS AND LIABILITIES FROM APPROPRIATIONS, 1900 TO 1905.

## ASSETS.

Cash in treasury .....		\$179,114.08
Due from Cemetery .....	\$8,822.50	
Charity department, for aid of poor .....	1,339.91	

Claims .....	\$763.43	
Collection, contingent	84.27	
Commonwealth of		
Mass. ....	3,578.50	
Election contingent ..	259.92	
Ell pond park .....	500.00	
Health dept .....	1,040.09	
Main St. curbstone ...	3,365.14	
School dept. ....	876.15	
Soldiers' burial .....	70.00	
Soldiers' relief .....	299.40	
State aid .....	271.00	
Street sprinkling .....	2,362.25	
Surface drainage .....	112.47	
Tax titles .....	5,144.73	
Tax titles, City of Mel-		
rose .....	1,356.95	
Taxes uncollected .....	148,377.93	
		<hr/>
		\$178,624.64
		<hr/>
		\$357,738.72

## LIABILITIES.

Bank and corporation taxes .....	\$538.63
Bonds of city officers .....	15.00
Brown-tail and gypsy moth .....	6,673.43
Brown-tail and gypsy moth, pri-	
vate work .....	200 00
Charity dept .....	26.23
Contingents .....	78.84
Fire dept .....	26.99
Fourth of July celebration .....	2.07
Health dept .....	180.71
History of Melrose .....	129.21
Insurance .....	276.13
Interest .....	10,336.53
Loans, municipal .....	3,582.30
Melrose hospital .....	54.00
Military aid .....	231.00

Loans, temporary .....	\$108,929.61	
Overlays .....	4,814.79	
Pay roll tailings .....	27.71	
Police dept .....	266.04	
Public library .....	463.89	
Public library building .....	19.29	
School dept .....	110.60	
School house sinking fund .....	7,222.00	
School house land sinking fund ..	786.00	
Surface drainage sinking fund ...	1,207.40	
City hall sinking fund .....	1,537.65	
Sewer assessments .....	3,244.86	
Treasury .....	511.69	
Trust funds, cemetery .....	12,699.00	
Trust fund, E. Toothaker .....	1,209.49	
Water dept., property taken by commonwealth .....	174,017.62	
	<hr/>	\$339,418.61

## Public works department:

City hall .....	\$126.88
Collecting ashes and rubbish ...	183.62
Dix pond .....	1.13
Engineering division .....	415.86
Highway .....	294.08
Life saving apparatus .....	21.73
Main street widening, damages	125.00
Main street widening, Bryne contract .....	290.25
Melrose common .....	.04
Park division .....	1.79
Public works office .....	24.06
Removal Sewall school building	119.93
Sewer division .....	2,979.85
Sidewalks .....	1,034.76
Stone bounds .....	64.79
Street lights .....	102.29

Water construction .....	\$948.46	
Water fund .....	11,585.59	
	<hr/>	\$18,320.11
		<hr/>
		\$357,738.72

## CITY OF MELROSE, ASSETS AND LIABILITIES.

## ASSETS.

To amount invested in land, buildings, parks and other property .....	\$807,323.26
To amount invested in sinking funds .....	310,194.95
To amount invested in sewer system .....	400,905.86
To amount invested in surface drainage .....	87,553.44
To amount invested in water system .....	468,490.60
	<hr/>
	\$2,074,468.11

## LIABILITIES.

By total municipal indebtedness ...	\$983,049.96	
Assets exceed liabilities .....	1,091,418.15	
	<hr/>	<hr/>
	\$2,074,468.11	\$2,074,468.11

AUDITOR'S REPORT SHOWING AGGREGATE TRANSACTIONS IN EACH CITY ACCOUNT.

ACCOUNTS.	Balance from 1904.	Appropriations.	Transfers to	Receipts	Over- drawn 1904	Transfers from	Expendi- tures.	Unex- pended Balance.	Over- drawn
Brown tail and gypsy moth .....	\$50.25	\$500.00	\$13,500.00	\$2,300.04	.....	.....	\$9,676.86	\$6,673.43	.....
Brown tail and gypsy moth private work ..	.....	.....	.....	200.00	.....	.....	.....	200.00	.....
Cemetery .....	.....	.....	.....	5,662.88	.....	.....	5,600.00	.....	\$8,822.50
Charity dept. aid of poor ..	20.87	6,900.00	469.18	2,839.25	\$8,885.38	\$352.08	11,217.13	.....	1,339.91
Clerical assistance .....	.....	200.00	.....	.....	.....	.....	200.00	.....	.....
Contingent .....	1.65	100.00	.....	3.75	.....	1.65	77.52	26.23	.....
Contingent, Aldermanic ..	43.26	.....	125.00	.....	.....	.....	167.72	.....	.....
Assessors .....	95.22	.....	500.00	.....	.....	.....	593.15	2.07	.....
City Clerk. ....	1.06	.....	425.00	.25	.....	1.06	425.22	.03	.....
Collector's .....	.15	600.00	150.00	1,254.77	.....	.....	2,089.19	.....	84.27
Elections .....	.53	.....	1,500.00	.....	.53	.....	1,759.92	.....	259.92
General .....	.39	104.02	1,500.00	.....	.....	.....	1,563.17	41.24	.....
Inspector of buildings ..	13.00	.....	15.00	.....	.....	.....	2.50	25.50	.....
Mayor's. ....	17.99	.....	125.00	.....	.....	.....	134.46	8.53	.....
Sealer of W. and M. ....	.....	300.00	48.35	.....	.....	.....	47.42	.93	.....
Fire dept. chief engineer ..	.....	125.00	.....	.....	.....	.....	300.00	.....	.....
Assistant and clerk .....	.....	100.00	.....	.....	.....	.....	125.00	.....	.....
" .....	.....	3,900.00	.....	.....	.....	8.34	91.66	.....	.....
Permanent men. ....	.....	.....	.....	.....	.....	.....	3,900.00	.....	.....
Electrician and driver .....	.....	876.00	.....	.....	.....	.....	876.00	.....	.....
Engineer and driver .....	.....	840.00	.....	.....	.....	.....	840.00	.....	.....
16 call men .....	.....	800.00	.....	.....	.....	26.80	773.20	.....	.....
24 call men .....	.....	1,500.00	.....	.....	.....	37.50	1,462.50	.....	.....
Coal and wood. ....	.....	464.25	.....	.....	.....	.....	464.25	.....	.....
Contingent .....	.....	645.90	.....	.....	.....	25.00	902.60	.82	.....
Electric and gas lights. ..	.....	264.47	282.52	.....	.....	80.00	172.78	11.69	.....



Fire alarm boxes.....		\$140.00				\$2.30	\$137.70	
Fire alarm maintenance		300.00					290.91	\$9.09
Hay and grain.....		1,006.65	\$100.00	\$302.00		17.58	1,391.07	
Horse shoeing.....		216.11					212.21	3.90
Incidental.....	\$1.68					1.68		
Laundry and new linen		106.50				10.00	95.01	1.49
New horse.....		250.00	25.00				275.00	
Health department:								
Collection of garbage...	11.25	1,100.00				11.25	950.59	149.41
Contagious diseases		750.00	385.00	783.05	\$1,376.81		1,581.33	\$1,040.09
Contingent.....		745.00	28.00	94.70	119.79		729.21	18.70
Disinfection.....	.17					.17		
Milk inspection.....						.61		
Removal dead animal	1.00					1.00		
Medical inspect. schools..		150.00					137.40	12.60
Salaries.....		1,000.00					1,000.00	
Insurance.....	152.59	365.00	585.00				826.56	276.03
Interest.....	6,166.22	27,500.00	8,738.65	994.48			33,082.82	10,336.53
Melrose Hospital.....			1,000.00	74.00			1,020.00	54.00
Memorial Day.....		250.00					250.00	
Military aid.....	80.00	200.00	141.00				190.00	231.00
Pine Banks Park.....			500.00				500.00	
Police department:								
Ambulance fund.....	44.05			120.85			26.65	138.25
Contingent.....		571.40	11.66				576.94	6.12
Salaries, chief and regu-								
lar officers.....	.02	11,065.00				.02	11,046.70	18.30
Salaries special officers	2.13	735.00	200.00			2.13	831.63	103.37

AUDITOR'S REPORT SHOWING AGGREGATE TRANSACTION IN EACH CITY ACCOUNT.—Continued.

ACCOUNTS	Balance from 1904	Appropriations	Transfers to	Receipts	Over- drawn 1904	Transfers from	Expenditures	Unexpended Balance	Over- drawn
Public Library:									
Books and magazines	\$1,270 .01	\$787 .14				\$270 .01	\$1,564 .56	\$228 58	
Curbing and grading . . .	.62					.62			
Fuel, lights, etc. . . . .	1 .07	800 .00		\$11 .04		1 .07	747 .54	63 50	
Furnishing Library . . .	2 .36					2 .36			
Janitor . . . . .	.77	500 .00				.77	500 .00		
Library supplies . . . . .	1 .26	15 17	\$269 .96			1 .26	278 .42	6 .71	
Moving Library . . . . .	.47					.47			
Re-bld'g and re-placing	3 .81					3 .81			
Rent . . . . .	25 .00					25 .00			
Salaries . . . . .	17 .69	1,200 .00				17 .69	1,028 .90	171 .10	
Salaries:									
Assessors and assistants		1,050 .00					1,050 .00		
Assessors' clerk . . . . .		850 .00					850 .00		
Auditor . . . . .		500 .00					500 .00		
Board of Health . . . . .	12 .50	300 .00				12 .50	300 .00		
Clerk . . . . .		1,200 .00					1,200 .00		
Clerk's assistant . . . . .		900 .00					900 .00		
Collector . . . . .		1,000 .00					1,000 .00		
Engineer and Superintendent of pub. w'ks		2,500 .00					2,500 .00		
Insp. an'm'ls and prov . .		100 .00					100 .00		
" buildings . . . . .		100 .00					100 .00		
" milk and vinegar . .		100 .00					100 .00		
Mayor . . . . .		500 .00					500 .00		
Mil. and State aid agt . .		100 .00					100 .00		
Overseers of poor . . . .		400 .00					400 .00		
Registrars of voters . . .		200 .00					200 .00		

[illegible]

AUDITOR'S REPORT SHOWING AGGREGATE TRANSACTION IN EACH CITY ACCOUNT.—Continued.

ACCOUNTS	Balance from 1904	Appropriations	Transfers to	Receipts	Over- drawn 1904	Transfers from	Expendi- tures	Unex- pended Balance	Over- drawn
Overlays .....	\$3,882.30	\$5,280.01	\$1,869.47	.....	.....	\$6,216.99	.....	4,814.79	.....
Pay roll tailings .....	.....	.....	.....	\$22.71	.....	.....	.....	22.71	.....
Public Library building .....	112.44	.....	.....	.....	.....	.....	\$93.15	19.29	.....
Sewer assessments .....	14,462.98	.....	.....	14,140.65	.....	25,358.77	.....	3,244.86	.....
Sinking funds:	.....	.....	.....	.....	.....	.....	.....	.....	.....
Central fire station note	.....	432.00	.....	2,108.86	.....	2,108.86	432.00	.....	.....
“ “ school note .....	.....	1,272.00	.....	1,272.12	.....	1,272.12	1,272.00	.....	.....
School house loan bonds	.....	7,222.00	.....	.....	.....	.....	.....	7,222.00	.....
School house land note	.....	786.00	.....	.....	.....	.....	.....	786.00	.....
Sewer loan bonds .....	.....	.....	22,000.00	915.00	.....	.....	22,915.00	.....	.....
Stone crusher note .....	.....	521.00	.....	521.10	.....	521.10	521.00	.....	.....
Surface drainage bonds	.....	1,207.40	.....	.....	.....	.....	.....	1,207.40	.....
Town hall bonds .....	.....	1,537.65	.....	.....	.....	.....	.....	1,537.65	.....
Water loan bonds .....	.....	.....	6,252.58	492.00	.....	.....	6,744.58	.....	.....
Tax title takings .....	.....	.....	.....	4,524.78	\$6,176.05	903.74	4,397.20	.....	\$5,144.73
Tax title, City of Melrose	.....	.....	.....	.....	271.48	.....	181.73	.....	1,356.95
Taxes collected .....	.....	.....	\$5,825.03	276,536.73	.....	7,249.35	.....	275,112.41	.....
Taxes refunded .....	.....	.....	903.74	.....	.....	.....	391.96	.....	.....
Treasury .....	.....	.....	391.96	.....	.....	.....	.....	511.69	.....
Treasury .....	1,059.89	.....	1,161.92	1,360.32	.....	3,070.44	.....	12,699.00	.....
Trust funds, cemetery .....	10,969.50	.....	.....	1,729.50	.....	.....	102.54	1,209.49	.....
“ “ E. Tothaker .....	1,214.77	.....	.....	97.26	.....	.....	37,000.00	.....	.....
Water bonds .....	.....	.....	.....	37,000.00	.....	.....	.....	.....	.....
Water dept. prop'ty taken by Commonwealth .....	2,728.92	.....	.....	175,850.08	.....	.....	4,561.38	174,017.62	.....
Public Works Dept.:	.....	.....	.....	.....	.....	.....	.....	.....	.....
City hall contingent .....	22.41	300.00	.....	.....	.....	22.41	277.90	22.10	.....
Heating .....	11.27	330.00	.....	.....	.....	11.27	328.45	1.55	.....



Janitor's service.....	\$11.75	\$750.00	.....	.....	.....	\$11.75	\$742.00	\$8.00	.....
Lighting.....	95.64	300.00	.....	\$500.00	.....	95.64	704.77	95.23	.....
Collecting ashes.....	.....	1,380.00	.....	.....	.....	.....	1,196.38	185.62	.....
Eng. Div. contingent: .....	39.55	250.00	.....	.....	.....	39.55	219.45	30.55	.....
Salaries.....	467.11	2,100.00	\$400.00	488.06	.....	467.11	2,602.75	385.31	.....
Highway Division:.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
General repairs and maintenance.....	1,043.23	21,500.00	.....	9,083.45	.....	.....	31,332.60	294.08	.....
Parks division.....	22.06	100.00	.....	.....	.....	22.06	98.21	1.79	.....
Public works office:	.....	.....	.....	.....	.....	.....	.....	.....	.....
Board and care of horse	.01	310.00	.....	.....	.....	.01	300.30	9.70	.....
Clerical services.....	2.49	490.00	.....	.....	.....	2.49	489.00	1.00	.....
Contingent.....	.....	300.00	.....	.....	.....	.....	295.18	4.82	.....
Telephones.....	2.24	70.00	.....	.....	.....	2.24	61.45	8.54	.....
Sewer Division:	.....	.....	.....	.....	.....	.....	.....	.....	.....
Construction.....	1,254.04	.....	.....	12,495.79	.....	.....	10,890.06	2,859.77	.....
Maintenance.....	322.17	500.00	.....	312.35	.....	.....	1,061.84	72.68	.....
Private sewers.....	21.39	.....	.....	3,017.81	.....	.....	2,991.80	47.40	.....
Sidewalks:	.....	.....	.....	.....	.....	.....	.....	.....	.....
Continuous.....	467.41	.....	.....	843.56	.....	.....	623.44	687.53	.....
Individual.....	586.72	1,000.00	.....	1,540.95	.....	.....	2,791.18	336.49	.....
Repairs.....	10.74	.....	.....	.....	.....	.....	.....	10.74	.....
Stone bounds.....	64.79	.....	.....	.....	.....	.....	.....	64.79	.....
Street lights.....	175.76	12,256.50	.....	.....	.....	.....	12,329.97	102.29	.....
Street sprinkling.....	.....	.....	.....	4,736.31	\$3,234.55	.....	3,864.01	.....	\$2,362.25
Surface drainage.....	12,215.42	.....	.....	5.41	.....	.....	12,333.30	.....	112.47
Water funds.....	12,393.99	.....	.....	59,760.83	.....	29,453.20	31,116.03	11,585.59	.....
Water Division:	.....	.....	.....	.....	.....	.....	.....	.....	.....
Construction.....	.....	10,000.00	.....	.....	6,986.56	.....	2,064.98	948.46	.....
Maintenance.....	.....	12,800.62	.....	4,403.40	.....	.....	17,204.02	.....	.....
Building South Ave.....	.....	2,000.00	.....	.....	.....	.....	2,000.00	.....	.....
City scales.....	29.43	.....	3.25	.....	.....	29.43	3.25	.....	.....

AUDITOR'S REPORT SHOWING AGGREGATE TRANSACTION IN EACH CITY ACCOUNT.—Continued

ACCOUNTS	Balance from 1904	Appropriations	Transfers to	Receipts	Over- drawn 1904	Transfers from	Expendi- tures	Unex- pended Balance	Over- drawn
Dix pond .....	\$1.48	.....	.....	.....	.....	.....	\$0.35	\$1.13	.....
Film street sidewalk .....	.05	.....	.....	.....	.....	\$0.05	.....	.....	.....
Life saving apparatus .....	21.73	.....	.....	.....	.....	.....	.....	21.73	.....
Main street curbstone .....	.....	.....	.....	.....	\$2,533.95	.....	831.19	.....	\$3,365.14
Widening damages .....	200.00	.....	.....	\$13,745.00	.....	.....	13,820.00	125.00	.....
Widening, J. L. Bryne .....	.....	.....	.....	18,086.00	.....	.....	17,795.75	290.25	.....
Melrose common .....	553.77	\$300.00	.....	21.00	.....	.....	874.73	.04	.....
Removal Sewall sch. bldg. ....	.....	.....	\$2,000.00	1,700.00	.....	.....	3,580.07	119.93	.....
	\$188,780.51	\$284,196.51	\$112,181.60	965,167.62	\$37,725.67	\$112,181.60	\$794,814.55	\$655,309.46	\$49,705.04
		188,780.51					37,725.67		
		112,181.60					112,181.60		
		965,167.62					655,309.46		
		49,705.04							
		\$1,600,031.28					\$1,600,031.28		



## BROWN TAIL AND GYPSY MOTHS.

Balance from 1904 .....	\$50.25	
Appropriation .....	500.00	
Cash receipts .....	2,300.04	
Cash receipts from notes .....	12,500.00	
Transferred from bank and corporation tax .....	1,000.00	
	<hr/>	\$16,350.29

## Expended:

Advertising .....	\$2.50
Brooms and tanglefoot .....	49.13
Brushes, ladders, tools, etc .....	292.76
Burlap and twine .....	56.55
Car fares .....	7.40
Cement and teaming .....	5.80
Creosote .....	555.20
Express and teaming .....	22.75
Expenses at Pine Banks, $\frac{1}{2}$ .....	198.82
First aids .....	1.50
Insurance .....	253.26
Medical attendance .....	21.00
Office clerical assistance .....	6.88
Envelopes and postage .....	45.40
Furniture .....	24.50
Printing .....	14.50
Supplies .....	16.27
Telephone, one-third .....	11.28
Oil and matches .....	5.01
Painting .....	31.77
Sharpening tools .....	6.60
Sprayer .....	421.40
Sundry supplies .....	4.50

	<hr/>	\$2,054.78
Pay rolls .....	7,622.08	
Balance to 1906 .....	6,673.43	

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\$16,350.29    \$16,350.29

## BROWN TAIL AND GYPSY MOTHS, PRIVATE WORK.

## RECEIPTS.

Cash deposited .....		\$200.00
Balance to 1906 .....	\$200.00	
	<hr/>	<hr/>
	\$200.00	\$200.00

## CEMETERY.

## RECEIPTS.

## Cash for:

Dressing .....	\$7.00	
Foundations .....	264.75	
Grass sold .....	20.00	
Graves sold single .....	224.00	
Interments .....	724.00	
Labor .....	103.00	
Lots, care of .....	1,921.11	
Lots sold .....	2,072.27	
Use of tomb .....	83.00	
Vaults, slate .....	180.00	
Wood sold .....	56.75	
Creosote .....	7.00	
	<hr/>	\$5,662.88

## Expended.

Books, printing, stamps and telephone .	\$56.81
Cement and lime .....	33.40
Dressing .....	50.50
Express and freight .....	7.05
Grave and lot markers .....	45.75
Gravel, loam and sod .....	713.11
Hardware and tools .....	43.16
Labor on gate posts and wall .....	19.50
Lawn roller .....	15.00
Lumber .....	8.10
Plants and shrubs .....	62.56

Repairing and sharpening tools . . . . .	\$34.27	
Salary of clerk . . . . .	60.42	
Salary of committee . . . . .	75.00	
Sewer pipe . . . . .	79.95	
Sign posts . . . . .	18.00	
State vaults . . . . .	17.75	
Sundries . . . . .	9.67	
Tanglefoot . . . . .	29.50	
Pay rolls, supt. and teams . . . . .	4,220.50	
Balance to 1906 . . . . .	62.88	
	<hr/>	
	\$5,662.88	\$5,662.88

## CHARITY DEPARTMENT.

## AID OF POOR.

Balance from 1904 . . . . .	\$20.87	
Appropriation . . . . .	6,900.00	
Transferred from treasury . . . . .	469.18	
	<hr/>	\$7,390.05
Received from:		
City of Boston . . . . .	\$139.51	
Chelsea . . . . .	20.74	
Danvers . . . . .	71.60	
Everett . . . . .	148.17	
Malden . . . . .	361.69	
Woburn . . . . .	314.00	
Town of Braintree . . . . .	90.00	
Needham . . . . .	110.95	
Randolph . . . . .	17.00	
Revere . . . . .	49.00	
Commonwealth of Mass. . . . .	360.10	
A. Gibbons . . . . .	4.00	
Harkell & Co. . . . .	5.00	
Health dept . . . . .	61.04	
Horse sold . . . . .	20.00	
Overseers of poor . . . . .	913.45	
Soldiers' relief . . . . .	153.00	
	<hr/>	2,839.25
		<hr/>
		\$10,229.30

## Expended.

See overseers of poor for details .....	\$11,217.13	
Transferred to treasury .....	352.08	
Overdraft .....		\$1,339.91
	<hr/>	<hr/>
	\$11,569.21	\$11,569.21

## CLERICAL ASSISTANCE.

Appropriation .....	\$200.00
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## Expended.

Salary of clerk .....	\$200.00	
	<hr/>	
	\$200.00	\$200.00

## CONTINGENT.

Balance from 1904 .....	\$1.65	
Appropriation .....	100.00	
Cash received .....	3.75	
	<hr/>	\$105.40

## Expended.

See overseers of poor report for detail ...	\$77.52	
Transferred to treasury .....	1.65	
Balance to 1906 .....	26.23	
	<hr/>	<hr/>
	\$105.40	\$105.40

## ALDERMEN'S CONTINGENT.

Balance from 1904 .....	\$43.26	
Transferred from bank and corporation tax .....	100.00	
Transferred from treasury .....	25.00	
	<hr/>	\$168.26

## Expended.

Advertising, printing, stationery, etc ...	\$100.06	
Engrossing resolutions .....	11.00	
Repairing chairs .....	21.00	
Screen .....	25.00	
Sundries .....	10.66	
	<hr/>	
	\$167.72	
Balance to 1906 .....	.54	
	<hr/>	
	\$168.26	\$168.26

## ASSESSORS' CONTINGENT.

Balance from 1904 .....	\$95.22	
Transferred from bank and corporation tax	500.00	
	<hr/>	
		\$595.22

## Expended.

Abstracts of deeds .....	\$65.85	
Advertising and printing .....	54.91	
Books, cards, stationery, etc .....	91.39	
Clerical assistance .....	52.00	
Miscellaneous .....	27.20	
Posting notices .....	1.50	
Printing assessed poll book .....	171.50	
Repairing safe .....	27.00	
Sundry office expenses .....	26.80	
Use of team .....	75.00	
	<hr/>	
	\$593.15	
Balance to 1906 .....	2.07	
	<hr/>	
	\$595.22	\$595.22

## CITY CLERK'S CONTINGENT.

Balance from 1904 .....	\$1.06	
Transferred from treasury, fees .....	425.00	
Cash refunded .....	.25	
	<hr/>	
		\$426.31

## Expended.

Cash expenses .....	\$85.21	
Expressage .....	8.62	
Printing and supplies .....	58.45	
Return of births and deaths .....	158.48	
Sundries .....	40.25	
Telephone services .....	74.21	
	<hr/>	
	\$425.22	
Transferred to treasury .....	1.06	
Balance to 1906 .....	.03	
	<hr/>	
	\$426.31	\$426.31

## COLLECTOR'S CONTINGENT.

Balance from 1904 .....	\$ .15	
Appropriation .....	600.00	
Transferred from bank and corp'n tax	150.00	
Cash received, summons, costs of tak-		
ings, etc. ....	1,254.77	
	<hr/>	
		\$2,004.92

## Expended.

Advertising takings .....	\$164.85	
Cash paid for P. O. stamps .....	164.80	
Clerk's salary .....	600.00	
Clerical assistance .....	443.75	
Constable's services .....	6.86	
Distributing tax bills .....	60.00	
Preparing notices of tax takings .....	435.75	
Printing .....	110.26	
Stationery and supplies .....	56.63	
Sundries .....	12.30	
Telephone services .....	33.99	
Overdrafts .....		84.27
	<hr/>	
	\$2,089.19	\$2,089.19



## ELECTIONS CONTINGENT.

Balance from 1904 .....	\$ .53	
Transferred from bank and corporation tax .....	1,500.00	
	<hr/>	\$1,500.53

## Expended.

Advertising, and printing ballots, etc ...	\$759.12	
Janitor's service, ward room .....	28.00	
Labor on voting booths .....	69.25	
Meals for registrars of voters and officers	15.65	
Officers' services at registration .....	12.26	
Pay roll, election officers .....	520.00	
Pay roll, recount .....	42.00	
Pay roll, special officers .....	63.37	
Posting notices, serving summons, etc ..	78.20	
Rent of ward rooms .....	101.00	
Sundries .....	44.75	
Sundry labor .....	7.00	
Supplies for ward room .....	19.32	
Overdraft, treasurer authorized to bor- row \$260.00 .....		259.92
Transferred to treasury .....	.53	
	<hr/>	<hr/>
	\$1,760.45	\$1,760.45

## GENERAL CONTINGENT

Balance from 1904 .....	\$0.39	
Appropriation .....	104.02	
Transferred from bank and corporation tax .....	1,500.00	
	<hr/>	\$1,604.41

## Expended.

Books, stationery and supplies .....	\$92.24
Box rent, car fares and postage .....	36.94
Ice for free fountains .....	32.00

Labor on free fountains .....	\$10.67	
Legal services .....	101.90	
Miscellaneous .....	26.06	
Pay rolls, brush fires .....	184.10	
Printing annual report .....	671.10	
Printing, particular account .....	24.00	
Returns of births, deaths and marriages .....	223.00	
Ringling bells .....	40.00	
Telephone service .....	121.16	
	<hr/>	
	\$1,563.17	
Balance to 1906 .....	41.24	
	<hr/>	
	\$1,604.41	\$1,604.41

## INSPECTOR OF BUILDINGS CONTINGENT.

Balance from 1904 .....	\$13.00	
Transferred from bank and corporation tax .....	15.00	
	<hr/>	\$28.00
Expended.		
Printing .....	\$2.50	
Balance to 1906 .....	25.50	
	<hr/>	
	\$28.00	\$28.00

## MAYOR'S CONTINGENT.

Balance from 1904 .....	\$17.99	
Transferred from bank and corporation tax .....	125.00	
	<hr/>	\$142.99
Expended.		
Box rent, printing and stationery .....	\$12.46	
Case and frame .....	22.00	
Salary, clerk .....	100.00	
	<hr/>	
	\$134.46	

Balance to 1906 .....	\$8.53	
	<hr/>	
	\$142.99	\$142.99

## SEALER OF WEIGHTS AND MEASURES CONTINGENT.

Transferred from bank and corporation		
tax .....	\$25.00	
Transferred from treasury .....	23.35	
	<hr/>	\$48.35
Expended.		
Lumber and labor .....	\$3.97	
Posting notices .....	2.00	
Printing .....	2.75	
Stamps, tools, etc. ....	38.70	
	<hr/>	
	\$47.42	
Balance to 1906 .....	.93	
	<hr/>	
	\$48.35	\$48.35

## FIRE DEPARTMENT.

## CHIEF ENGINEER.

Appropriation .....		\$300.00
Expended.		
Salary .....	\$300.00	
	<hr/>	
	\$300.00	\$300.00

## ASSISTANT ENGINEER AND CLERK.

Appropriation .....		\$125.00
Expended		
Salary .....	\$125.00	
	<hr/>	
	\$125.00	\$125.00

## ASSISTANT ENGINEER.

Appropriation .....		\$100.00
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## Expended.

Salary .....	\$91.66	
Transferred to contingent .....	8.34	
	<hr/>	<hr/>
	\$100.00	\$100.00

## PERMANENT MEN.

Appropriation .....		\$3,900.00
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## Expended.

Salaries .....	\$3,900.00	
	<hr/>	<hr/>
	\$3,900.00	\$3,900.00

## ELECTRICIAN AND DRIVER.

Appropriation .....		\$876.00
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## Expended.

Salary .....	\$876.00	
	<hr/>	<hr/>
	\$876.00	\$876.00

## ENGINEER AND DRIVER.

Appropriation .....		\$840.00
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## Expended

Salary .....	\$840.00	
	<hr/>	<hr/>
	\$840.00	\$840.00

## SIXTEEN CALL MEN.

Appropriation .....		\$800.00
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## Expended.

Salaries .....	\$773.20	
Transferred to contingent .....	26.80	
	<hr/>	<hr/>
	\$800.00	\$800.00

## TWENTY-FOUR CALL MEN.

Appropriation .....	\$1,500.00
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## Expended

Salaries .....	\$1,462.50	
Transferred to contingent .....	37.50	
	<hr/>	<hr/>
	\$1,500.00	\$1,500.00

## COAL AND WOOD.

Appropriation .....	\$464.25
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## Expended.

Bills paid .....	\$464.25	
	<hr/>	<hr/>
	\$464.25	\$464.25

## CONTINGENT.

Appropriation .....	\$645.90	
Transferred from treasury .....	100.00	
Transferred from sundries account .....	182.52	
	<hr/>	<hr/>
		\$928.42

## Expended.

Harnesses and repairing .....	\$43.70
Medical attendance and medicines .....	61.00
Repairs and stock .....	317.68
Spare drivers .....	34.08
Stalls and floors .....	23.17
Sundries .....	140.00
Supplies .....	180.14
Telephone service .....	102.83
	<hr/>
	\$902.60

Transferred to new horse .....	\$25.00	
Balance to 1906 .....	.82	
	<hr/>	<hr/>
	\$928.42	\$928.42

## ELECTRIC AND GAS LIGHTS.

Appropriation .....		\$264.47
Expended.		
Electric .....	\$36.47	
Gas .....	131.31	
Solar light lamps .....	5.00	
	<hr/>	
	\$172.78	
Transferred to contingent .....	80.00	
Balance to 1906 .....	11.69	
	<hr/>	<hr/>
	\$264.47	\$264.47

## FIRE ALARM BOXES.

Appropriation .....		\$140.00
Expended.		
Bills paid .....	\$137.70	
Transferred to contingent .....	2.30	
	<hr/>	<hr/>
	\$140.00	\$140.00

## FIRE ALARM MAINTENANCE.

Appropriation .....		\$300.00
Expended.		
Express .....	\$3.90	
Labor .....	12.10	
Pay rolls .....	31.95	
Repairs .....	8.05	
Supplies .....	234.91	
	<hr/>	
	\$290.91	



Balance to 1906 .....	\$9.09	
	<hr/>	<hr/>
	\$300.00	\$300.00

## HAY AND GRAIN.

Appropriation .....	\$1,006.65	
Transferred from treasury .....	100.00	
Cash received from highway division ....	302.00	
	<hr/>	<hr/>
		\$1,408.65

## Expended.

Bills paid .....	\$1,391.07	
Transferred to contingent .....	17.58	
	<hr/>	<hr/>
	\$1,408.65	\$1,408.65

## HORSE SHOEING.

Appropriation .....		\$216.11
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## Expended.

Bills paid .....	\$212.21	
Balance to 1906 .....	3.90	
	<hr/>	<hr/>
	\$216.11	\$216.11

## INCIDENTALS.

Balance from 1904 .....		\$1.68
Transferred to treasury .....	\$1.68	
	<hr/>	<hr/>
	\$1.68	\$1.68

## LAUNDRY AND LINEN.

Appropriation .....		\$106.50
---------------------	--	----------

## Expended

Bills paid .....	\$95.01	
Transferred to contingent .....	10.00	
Balance to 1906 .....	1.49	
	<hr/>	<hr/>
	\$106.50	\$106.50

## NEW HORSE.

Appropriation .....	\$250.00	
Transferred from contingent .....	25.00	
	<hr/>	\$275.00
Expended.		
Bills paid .....	\$275.00	
	<hr/>	<hr/>
	\$275.00	\$275.00

## HEALTH DEPARTMENT.

## COLLECTION OF GARBAGE.

Balance from 1904 .....	\$11.25	
Appropriation .....	1,100.00	
	<hr/>	\$1,111.25
Expended.		
Bills paid, contract .....	\$950.59	
Balance to 1906 .....	149.41	
Transferred to treasury .....	11.25	
	<hr/>	<hr/>
	\$1,111.25	\$1,111.25

## CONTAGIOUS DISEASES.

Appropriation .....	\$750.00	
Transferred from treasury .....	385.00	
Cash received Commonwealth of Mass. .	224.27	
Board of Health .....	47.50	
Charity dept. ....	32.53	
City of Boston .....	115.50	
City of Cambridge .....	164.42	
City of Somerville .....	198.83	
	<hr/>	1,918.05
Less overdraft, 1904 .....		1,376.81
		<hr/>
		\$541.24

## Expended

Food .....	\$346.87	
Fuel and lights .....	24.88	
Hack hire .....	99.25	
Medical attendance .....	154.00	
Medicines, etc .....	27.95	
Miscellaneous .....	38.88	
Nurses' services .....	551.00	
Quarantine officers' services .....	313.50	
Telephone service .....	25.00	
	<hr/>	
	\$1,581.33	
Overdraft 1905 .....		\$1,040.09
	<hr/>	<hr/>
	\$1,581.33	\$1,581.33

## CONTINGENT

Appropriation .....	\$745.00	
Transferred from treasury .....	28.00	
Cash received, sundries .....	94.70	
	<hr/>	\$867.70
Less overdraft, 1904 .....		119.79
		<hr/>
		\$747.91

## Expended

Advertising and printing .....	\$47.35
Books and supplies, office .....	32.00
Burying animal .....	32.50
Cash expenses .....	27.04
Examination of cultures .....	38.00
Expressage .....	14.00
Fumigating and supplies .....	233.04
Horse and buggy .....	6.50
Medicines, etc .....	19.08
Miscellaneous .....	156.67
Quarantine officers' services .....	3.25
Supplies for inspector of milk .....	21.26

Telephone service . . . . .	\$98.52	
	<hr/>	
	\$729.21	
Balance to 1906 . . . . .	18.70	
	<hr/>	
	\$747.91	\$747.91

## MEDICAL INSPECTION OF SCHOOLS.

Appropriation . . . . .		\$150.00
Expended		
Bills paid . . . . .	\$137.40	
Balance . . . . .	12.60	
	<hr/>	
	\$150.00	\$150.00

## SALARIES.

Appropriation . . . . .		\$1,000.00
Expended.		
Clerical assistance . . . . .	\$200.00	
Inspector of plumbing . . . . .	650.00	
Sanitary inspector . . . . .	150.00	
	<hr/>	
	\$1,000.00	\$1,000.00

## INSURANCE.

Balance from 1904 . . . . .	\$152.59	
Appropriation . . . . .	365.00	
Transferred from bank and corporation tax . . . . .	585.00	
	<hr/>	
		\$1,102.59
Expended.		
Premiums paid . . . . .	\$826.56	
Balance to 1906 . . . . .	276.03	
	<hr/>	
	\$1,102.59	\$1,102.59

## INTEREST.

Balance from 1904 .....	\$6,166.22	
Appropriation ..	27,500.00	
	<hr/>	\$33,666.22

## Receipts.

Accrued interest, sewer bonds .....	\$33.33	
Deposits, Melrose National Bank .....	428.98	
Premium on discounts .....	2.25	
Sewer assessments .....	3,358.77	
Taxes collected .....	1,379.88	
Tax titles redeemed .....	529.92	
	<hr/>	9,733.13
		<hr/>
		\$43,399.35

## Expended.

Coupons, Park loan .....	\$380.00	
School loan .....	8,000.00	
Sewer loan .....	13,840.00	
Surface drainage .....	2,400.00	
City hall .....	1,800.00	
Sundry notes .....	6,133.20	
Trust funds .....	509.62	
	<hr/>	\$33,062.82
Balance to 1906 .....	10,336.53	
	<hr/>	<hr/>
	\$43,399.35	\$43,399.35

## MELROSE HOSPITAL.

Transferred from bank and corporation		
tax .....	\$1,000.00	
Cash collected for hospital accounts ....	74.00	
	<hr/>	\$1,074.00

## Expended.

Bills paid .....	\$1,000.00	
Cash paid to hospital, collected .....	20.00	
Balance to 1906 .....	54.00	
	<hr/>	<hr/>
	\$1,074.00	\$1,074.00

## MEMORIAL DAY.

Appropriation .....	\$250.00
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## Expended.

Paid U. S. Grant Post 4, G. A. R. ....	\$250.00	
	<hr/>	<hr/>
	\$250.00	\$250.00

## MILITARY AID.

Balance from 1904 .....	\$80.00	
Appropriation .....	200.00	
Transferred from Com. of Mass. ....	141.00	
	<hr/>	<hr/>
		\$421.00

## Expended.

Pay rolls .....	\$190.00	
Balance to 1906 .....	231.00	
	<hr/>	<hr/>
	\$421.00	\$421.00

## PINE BANKS PARK.

Transferred from treasury .....	\$500.00
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## Expended.

Cash paid to treasurer of association ...	\$500.00	
	<hr/>	<hr/>
	\$500.00	\$500.00



## POLICE DEPARTMENT.

## CITY AMBULANCE FUND.

Balance from 1904 .....	\$44.05	
Cash received for use of ambulance .....	120.85	
	<hr/>	\$164.90
Expended.		
Bills paid .....	\$26.65	
Balance to 1906 .....	138.25	
	<hr/>	<hr/>
	\$164.90	\$164.90

## CONTINGENT.

Appropriation .....	\$571.40	
Transferred from treasury .....	11.66	
	<hr/>	\$583.06
Expended.		
Board and care of horse .....	\$373.25	
Care of lock-up .....	37.50	
Cash expenses .....	24.18	
First district court .....	11.66	
Medical attendance .....	1.00	
Miscellaneous .....	29.45	
Printing and office supplies .....	28.00	
Repairs to wagon .....	9.84	
Telephone services .....	62.06	
	<hr/>	
	\$576.94	
Balance to 1906 .....	6.12	
	<hr/>	<hr/>
	\$583.06	\$583.06

## SALARIES OF CHIEF AND REGULAR OFFICERS.

Balance from 1904 .....	.02	
Appropriation .....	11,065.00	
	<hr/>	\$11,065.02

## Expended.

Pay rolls .....	\$11,046.70	
Transferred to treasury .....	.02	
Balance to 1906 .....	18.30	
	<hr/>	<hr/>
	\$11,065.02	\$11,065.02

## SALARIES OF SPECIAL OFFICERS.

Balance from 1904 .....	\$2.13	
Appropriation .....	735.00	
Transferred from treasury .....	200.00	
	<hr/>	\$937.13

## Expended.

Pay rolls .....	\$831.63	
Transferred to treasury .....	2.13	
Balance to 1906 .....	103.37	
	<hr/>	<hr/>
	\$937.13	\$937.13

## PUBLIC LIBRARY.

## BOOKS AND MAGAZINES.

Balance from 1904 .....	\$1,270.01	
Appropriation .....	787.14	
	<hr/>	\$2,057.15

## Expended.

Bills paid .....	\$1,564.56	
Transferred to treasury .....	.05	
Transferred to library supplies .....	269.96	
Balance to 1906 .....	222.58	
	<hr/>	<hr/>
	\$2,057.15	\$2,057.15

## FUEL, LIGHTS, ETC.

Balance from 1904 .....	\$1.07	
Appropriation .....	800.00	
Cash refunded .....	11.04	
	<hr/>	\$812.11

## Expended.

Fuel .....	\$312.21	
Lights .....	381.57	
Miscellaneous, standard and lamp .....	53.76	
	<hr/>	
	\$747.54	
Balance to 1906 .....	63.50	
Transferred to treasury .....	1.07	
	<hr/>	<hr/>
	\$812.11	\$812.11

## JANITORS.

Balance from 1904 .....	\$0.77	
Appropriation .....	500.00	
	<hr/>	
		\$500.77

## Expended.

Salary .....	\$500.00	
Transferred to treasury .....	.77	
	<hr/>	<hr/>
	\$500.77	\$500.77

## LIBRARY SUPPLIES.

Balance from 1904 .....	\$1.26	
Appropriation .....	15.17	
Transferred from books and magazines ..	269.96	
	<hr/>	
		\$286.39

## Expended.

Advertising and printing .....	\$76.00	
Expressage .....	2.00	
Miscellaneous .....	72.65	
Repairs, typewriter .....	10.08	
Rubber matting .....	33.80	
Show case .....	33.00	
Supplies .....	27.72	
Telephone .....	12.00	
Wedgewood plates, of building .....	11.17	
	<hr/>	
	\$278.42	

Transferred to treasury .....	\$1.26	
Balance to 1906 .....	6.71	
	<hr/>	<hr/>
	\$286.39	\$286.39

## SALARIES.

Balance from 1904 .....	\$17.69	
Appropriation .....	1,200.00	
	<hr/>	<hr/>
		\$1,217.69

## Expended.

Pay rolls .....	\$1,028.90	
Transferred to treasury .....	17.69	
Balance to 1906 .....	171.10	
	<hr/>	<hr/>
	\$1,217.69	\$1,217.69

## SALARIES.

## CITY OFFICERS.

Balance from 1904 .....	\$12.50	
Appropriation .....	12,100.00	
	<hr/>	<hr/>
		\$12,112.50

## Expended.

Assessors and assistants .....	\$1,050.00
Assessors' clerk .....	850.00
Auditor .....	500.00
Board of health .....	300.00
Clerk .....	1,200.00
Clerk's assistant .....	900.00
Collector .....	1,000.00
Engineer and supt. of public works .....	2,500.00
Inspector of animals and provisions ..	100.00
Inspector of buildings .....	500.00
Inspector of milk and vinegar .....	100.00
Mayor .....	500.00
Military and state aid agent .....	100.00
Overseers of poor ..	400.00

Registrars of votes .....	\$200.00	
Sealer of weights and measures .....	400.00	
Solicitor .....	500.00	
Treasurer .....	1,000.00	
	<hr/>	
	\$12,100.00	
Transferred to treasury .....	12.50	
	<hr/>	
	\$12,112.50	\$12,112.50

## SCHOOL DEPARTMENT.

## BOOKS AND SUPPLIES.

Balance from 1904 .....	\$2.14	
Appropriation .....	6,150.00	
	<hr/>	
		\$6,152.14

## Expended.

Bills paid .....	\$5,720.04	
Transferred to sundry accounts .....	390.00	
Transferred to treasury .....	2.14	
Balance to 1906 .....	39.96	
	<hr/>	
	\$6,152.14	\$6,152.14

## CONTINGENT.

Appropriation .....	\$500.00	
Transferred from books, supplies and salaries .....	467.00	
Cash received from Com. of Mass. ....	67.00	
A. Deferrari .....	75.00	
Town of Saugus ....	25.00	
Town of Stoneham .	1,465.65	2,599.65
Less overdraft, 1904 .....		1,639.14
		<hr/>
		\$960.51

## Expended.

Bills paid .....	\$1,589.74	
Overdraft, 1905 .....		\$629.23
	<hr/>	<hr/>
	\$1,589.74	\$1,589.74

## FUEL.

Appropriation .....	\$6,500.00	
Transferred from bank and corporation tax .....	1,300.00	
	<hr/>	\$7,800.00
Less overdraft, 1904 .....		1 299 59
		<hr/>
		\$6,500.41

## Expended.

Bills paid .....	\$6,747.33	
Overdraft, 1905, treasurer authorized to borrow \$600.00 .....		\$246.92
	<hr/>	<hr/>
	\$6,747.33	\$6,747.33

## FURNITURE.

Appropriation .....	\$450.00	
Cash proceeds of note .....	111.25	
	<hr/>	\$561.25

## Expended.

Bills paid .....	561.25	
	<hr/>	<hr/>
	\$561.25	\$561.25

## PRINTING.

Appropriation .....	\$250.00	
Cash proceeds of note .....	56.33	
Transferred from salaries .....	40.00	
	<hr/>	\$346.33



## Expended

Bills paid .....	\$341.53	
Balance to 1906 .....	4.80	
	<hr/>	<hr/>
	\$346.33	\$346.33

## REPAIRS.

Balance from 1904 .....	\$0.38	
Appropriation .....	2,000.00	
Cash proceeds of note .....	598.55	
Transferred from books, supplies and salaries .....	218.00	
	<hr/>	<hr/>
		\$2,816.93

## Expended.

Bills paid .....	\$2,812.55	
Transferred to treasury .....	.38	
Balance to 1906 .....	4.00	
	<hr/>	<hr/>
	\$2,816.93	\$2,816.93

## SALARIES

## TEACHING, SUPERVISION AND JANITORS.

Balance from 1904 .....	\$17.61	
Appropriation .....	69,317.00	
Cash refunded .....	.75	
	<hr/>	<hr/>
		\$69,335.36

## Expended.

Pay rolls .....	\$68,920.91	
Transferred to sundry accounts .....	335.00	
Transferred to treasury .....	17.61	
Balance to 1906 .....	61.84	
	<hr/>	<hr/>
	\$69,335.36	\$69,335.36

## TRANSPORTATION.

Appropriation .....	\$546.00	
Cash proceeds of note .....	18.00	
	<hr/>	<hr/>
		\$564.00

## Expended.

Bills paid .....	\$564.00	
	<hr/>	<hr/>
	\$564.00	\$564.00

## SOLDIERS' BURIAL.

Transferred from Com. of Mass. ....	\$105.00
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## Expended.

Undertakers' services .....	\$140.00	
Overdrafts, 1904 .....	35.00	
Overdraft, 1905 .....		\$70.00
	<hr/>	<hr/>
	\$175.50	\$175.50

## SOLDIERS' RELIEF.

Transferred from bank and corporation tax .....	\$2,000.00	
Received from cash refunded .....	42.75	
Town of Marblehead ...	32.00	
Town of Stoneham .....	90.75	
Town of Wenham .....	131.91	
Transferred from treasury .....	800.00	
	<hr/>	\$3,097.41
Less overdraft, 1904 .....		136.58
		<hr/>
		\$2,960.83

## Expended.

Aid furnished .....	\$288.00
Allowance, pay roll .....	1,316.63
Board .....	309.00
Dry goods .....	27.87
Food .....	422.18
Fuel .....	300.08
Fumigating .....	1.50

Laundry .....	\$5.66	
Medical attendance and medicine .....	43.23	
Rents .....	528.00	
Shoes .....	6.15	
Sundries, supplies, books, printing .....	11.93	
	<hr/>	
	\$3,260.23	
Overdraft, 1905 .....		\$299.40
	<hr/>	<hr/>
	\$3,260.23	\$3,260.23

## STATE AID.

Transferred from Com. of Mass. ....	\$3,332.50	
Cash returned, not called for .....	12.00	
	<hr/>	\$3,344.50
Less overdraft, 1904 .....		283.50
		<hr/>
		\$3,061.00

## Expended.

Pay rolls .....	\$3,332.00	
Overdraft, 1905 .....		\$271.00
	<hr/>	<hr/>
	\$3,332.00	\$3,332.00

## SURETY BONDS.

Appropriation .....	\$190.00
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## Expended.

Premiums on bonds .....	\$175.00	
Balance to 1906 .....	15.00	
	<hr/>	<hr/>
	\$190.00	\$190.00

## TAXES.

## COUNTY TAX.

Amount of warrant assessed .....	\$15,272.57
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## Expended

Paid county treasurer .....	\$15,272.57
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## METROPOLITAN PARK TAX.

Amount of warrant assessed .....	\$5,922.31
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## Expended.

Paid state treasurer .....	\$5,922.31
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## METROPOLITAN SEWER TAX.

Amount of warrant assessed .....	\$12,077.04
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## Expended.

Paid state treasurer .....	\$12,077.04
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## STATE TAX.

Amount of warrant assessed ... ..	\$18,600.00
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## Expended.

Paid state treasurer .. ..	\$18,600.00
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## BANK AND CORPORATION TAXES.

Commonwealth of Massachusetts, bank and corporation .....	\$14,900.64
Less overdraft, 1904 .....	82.17
	<hr/> \$14,080.47

## Expended

National bank tax .....	\$741.84
Transferred to Aldermen's contingent .	100.00
Assessors' " .	500.00
Collector's " .	150.00
Election " .	1,500.00
General " .	1,500.00
Insp. of b'ld'gs " .	15.00

Mayor's contingent	\$125.00	
Sealer of W. & M. " "	25.00	
Brown-tail and gypsy moths .....	1,000.00	
Insurance .....	585.00	
Loans, municipal, B. T. & G. M. ....	1,000.00	
Loans, municipal, side- walk, Elm street ....	2,000.00	
Melrose hospital .....	1,000.00	
School dept., fuel .....	1,300.00	
Soldiers' relief .....	2,000.00	
	<hr/>	
	\$13,541.84	
Balance to 1906 .....	538.63	
	<hr/>	
	\$14,080.47	\$14,080.47

## BASE BALL PARK.

Balance from 1904 .....		\$100.00
Expended.		
Bill paid .....	\$100.00	
	<hr/>	
	\$100.00	\$100 00

## CLAIMS.

C. L. McLane, injury on sidewalk .....	\$300.00
O. C. Nicoll, executive trespassing .....	332.31
Overdraft, 1904 .....	131.12
	<hr/>
	\$763.43

## COMMONWEALTH OF MASSACHUSETTS.

Cash, state treasurer .....	\$3,796.00
Overdraft, 1904 .....	3,796.00

## Expended.

Transferred to	Military aid .....	\$70.00	
	Soldiers' burial .....	105.00	
	State aid .....	3,403.50	
			<hr/>
			\$3,578.50

Refunded by commonwealth, Dec. 1906.

## ELL POND PARK.

## Expended.

J. Singer, Jr., for land .....	\$500.00
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## FOURTH OF JULY CELEBRATION.

Balance from 1904 .....	\$88.97
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## Expended.

Bills paid .....	\$86.90	
Balance to 1906 .....	2.07	
		<hr/>
	\$88.97	\$88.97

## LOANS, MUNICIPAL AND PERMANENT.

Balance, Jan. 31, 1905 .....	\$61,031.54
Cash received for notes .....	52,641.47
	<hr/>
	\$113,673.01

## Expended.

Paid sundry notes, see treasurer's report for detail .....	\$44,531.54	
Balance to 19 6 .....	69,141.47	
		<hr/>
	\$113,673.01	\$113,673.01



## LOANS TEMPORARY.

Balance, Jan. 31, 1905 .....	\$112,935.10	
Cash received for note .....	229,929.61	
	<hr/>	\$342,864.71

## Expended.

Paid sundry notes, see treasurer's report for details .....	\$233,935.10	
Balance to 1906 .....	108,929.66	
	<hr/>	
	\$342,864.71	\$342,864.71

## MELROSE TOWN HISTORY.

Balance from 1904 .....	\$129.21
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## OVERLAYS, ADDITIONAL AND ABATEMENTS.

## TAXES OF 1883 TO 1899.

Balance, Jan. 31, 1905 .....	\$5,433.89	
Transferred to refunded taxes .....	197.50	
	<hr/>	
Balance, Jan. 31, 1906 .....		\$5,236.39

## TAXES OF 1900.

Overdraft, Jan. 31, 1905 .....	\$913.22	
Transferred to refunded taxes ...	\$31.95	
Abated in 1905 .....	38.65	
	<hr/>	
	70.60	
	<hr/>	
Overdraft, Jan. 31, 1906 .....	\$983.82	

## TAXES OF 1901.

Balance, Jan. 31, 1905 .....	\$232.78	
Transferred to refunded taxes ...	\$28.75	
Abated in 1905 .....	2.00	
	<hr/>	30.75
Balance, Jan. 31, 1906 .....		\$202.03

## TAXES OF 1902.

Overdraft, Jan. 31, 1905 .....	\$2,831.68	
Additional, 1905 .....	3.44	
	<hr/>	\$2,828.24
Transferred to refunded taxes ...	\$65.36	
Abatements in 1905 .....	121.93	
	<hr/>	187.29
Overdraft, Jan. 31, 1906 .....	\$3,015.53	

## TAXES OF 1903

Overdraft, Jan. 31, 1905 .....	\$213.54	
Transferred to refunded taxes ...	\$68.40	
Abatements in 1905 .....	548.93	
	<hr/>	617.33
		\$830.87
Additional in 1905 .....		258.30
Overdraft, Jan. 31, 1906 .....	\$572.57	

## TAXES OF 1904.

Balance, Jan. 31, 1905 .....	\$2,176.07	
Additional in 1905 .....	120.93	
	<hr/>	\$2,297.00
Abatements in 1905 .....	902.75	
Balance, Jan. 31, 1906 .....		\$1,394.25

## TAXES OF 1905.

Overlay .....	\$5,280.01	
Additional .....	1,486.80	
	<hr/>	
	\$6,766.81	
Abatements .....	4,212.77	
	<hr/>	
Balance, Jan. 31, 1906 .....		\$2,554.04
		<hr/>
		\$9,386.71
Less overdrafts, 1900-1902-1903 .....		4,571.92
		<hr/>
Balance, Jan. 31, 1906 .....		\$4,814.79

## PAY ROLL TAILINGS.

## UNCLAIMED AMOUNTS.

Cash received .....	\$27.71
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## PUBLIC LIBRARY BUILDING.

Balance, Jan. 1904 .....	\$112.44
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## Expended.

Bill paid .....	\$93.15	
Balance to 1906 .....	19.29	
	<hr/>	
	\$112.44	\$112.44

## SEWER ASSESSMENTS.

Balance from 1904 .....	\$14,462.98	
Collected .....	14,140.65	
	<hr/>	
		\$28,603.63

## Expended.

Transferred to interest .....	\$3,358.77	
Transferred to sewer sinking fund .....	22,000.00	
Balance to 1906 .....	3,244.86	
	<hr/>	
	\$28,603.63	\$28,603.63

## SINKING FUNDS.

## CENTRAL FIRE STATION NOTE SINKING FUND.

Appropriation .....	\$432.00	
Cash received from sinking fund comm'rs	2,108.86	
	<hr/>	\$2,540.86
Expended.		
Paid to sinking fund commissioners .....	\$432.00	
Transferred to permanent debt .....	2,108.86	
	<hr/>	<hr/>
	\$2,540.86	\$2,540.86

## CENTRAL FIRE STATION AND SCHOOL NOTE SINKING FUND.

Appropriation .....	\$1,272.00	
Cash received from sinking fund comm'rs	1,272.12	
	<hr/>	\$2,544.12
Expended.		
Paid to sinking fund commissioners .....	\$1,272.00	
Transferred to permanent debt .....	1,272.12	
	<hr/>	<hr/>
	\$2,544.12	\$2,544.12

## SCHOOL HOUSE LOAN SINKING FUND BONDS.

Appropriation .....		\$7,222.00
Balance to 1906 .....	\$7,222.00	
	<hr/>	<hr/>
	\$7,222.00	\$7,222.00

## SCHOOL HOUSE LAND NOTE SINKING FUND.

Appropriation .....		\$786.00
Balance to 1906 .....	\$786.00	
	<hr/>	<hr/>
	\$786.00	\$786.00

## SEWER LOAN SINKING FUND BONDS.

Cash received, premium on bonds sold . .	\$915.00	
Transferred from sewer assessments . . . .	22,000.00	
	<hr/>	\$22,915.00

## Expended.

Paid to sewer loan sinking fund comm'rs	\$22,915.00	
	<hr/>	
	\$22,915.00	\$22,915.00

## STONE CRUSHER NOTE SINKING FUND.

Appropriation . . . . .	\$521.00	
Cash received from sinking fund comm'rs	521.10	
	<hr/>	\$1,042.10

## Expended.

Paid sinking fund commissioners . . . . .	\$521.00	
Transferred to permanent debt . . . . .	521.10	
	<hr/>	
	\$1,042.10	\$1,042.10

## SURFACE DRAINAGE SINKING FUND BONDS.

Appropriation . . . . .		\$1,207.40
Balance to 1906 . . . . .	\$1,207.40	
	<hr/>	
	\$1,207.40	\$1,207.40

## TOWN HALL SINKING FUND BONDS.

Appropriation . . . . .		\$1,537.65
Balance to 1906 . . . . .	\$1,537.65	
	<hr/>	
	\$1,537.65	\$1,537.65

## WATER LOAN SINKING FUND BONDS.

Transferred from water fund surplus of 1904 . . . . .	\$6,252.58	
Cash premium on bonds sold . . . . .	915.00	
	<hr/>	
		7,167.58

## Expended.

Paid to water loan sinking fund commissioners, .....	\$7,167.58	
	<hr/>	<hr/>
	\$7,167.58	\$7,167.58

## TAX TITLE TAKINGS.

Balance unredeemed, Jan. 31, 1905 ...	\$6,176.05	
Paid collector .....	4,247.20	
“ register of deeds .....	150.00	
	<hr/>	
	\$10,573.25	
Cash received titles redeemed .....	4,524.78	
	<hr/>	
	\$6,048.47	
Transferred to City of Melrose, real est. . .	903.74	
	<hr/>	
Total unredeemed, Jan 31, 1906 .....	\$5,144.73	

## CITY OF MELROSE, UNREDEEMED REAL ESTATE.

Balance unredeemed, Jan. 31, 1905 ....	\$271.48	
Transferred from tax titles .....	903.74	
Sewer Assessments .....	<hr/>	
	\$1,175.22	
Paid collector .....	65.23	
Paid register of deeds .....	2.35	
Paid attorney, preparing advertisements, real estate .....	60.50	
Paid advertising .....	45.90	
Paid register of deeds .....	7.79	
	<hr/>	
	\$1,356.95	

## TAXES COLLECTED

1900 tax,	interest	\$5.83	\$24.00	\$29.83
1901 “	“	25.92	193.12	219.04
1902 “	“	27.74	223.80	251.54

## AUDITOR'S REPORT.

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1903 tax	interest	\$1,616.07	\$17,218.40	\$18,834.47
1904 "	"	3,501.15	90,173.64	93,674.79
1905 "	"	203.17	163,323.89	163,527.06
		<hr/>	<hr/>	<hr/>
		\$5,379.88	\$271,156.85	
Total interest and taxes . .				\$276,536.73

## TAXES REFUNDED.

Transferred from overlays . . . . .		\$391.96
Expended.		
Cash refunded, illegal assessments . . .	\$391.96	
	<hr/>	<hr/>
	\$391.96	\$391.96

TREASURY. See Page 302.

## TRUST FUNDS.

## CEMETERY.

Balance from 1904 . . . . .	\$10,969.50
Cash received:	
Estate of Daniel W. Foster . . . . .	\$197.50
Peter M. Goff . . . . .	150.00
Mary A. Livermore . . . . .	500.00
Arthur S. DeWolf . . . . .	120.00
Mrs. Mary H. Ellms . . . . .	100.00
Rev. Burke F. Leavitt . . . . .	131.00
Ansel B. Pierce . . . . .	191.00
Georgianna and Lina T. Poor . . . . .	180.00
Henrietta K. Rand . . . . .	80.00
Mrs. Elizabeth Sircom . . . . .	80.00
	<hr/>
	\$1,729.50
Total, Jan. 31, 1906 . . . . .	<hr/>
	\$12,699.00



## CITY OF MELROSE.

## E. TOOTHAKER FUND.

Balance from 1904 .....	\$1,214.77	
Cash, interest .....	97.26	
		<hr/>
		\$1,312.03
Expended.		
Bills paid for aid furnished .....	\$102.54	
Balance to 1906 .....	1,209.49	
		<hr/>
	\$1,312.03	\$1,312.03

## WATER BONDS.

Cash received from sinking fund com- missioners .....		\$37,000.00
Expended.		
Paid 37 bonds, issue of Nov. 1, 1885 ..	\$37,000.00	
		<hr/>
	\$37,000.00	\$37,000.00

## WATER DEPARTMENT.

## PROPERTY TAKEN BY COMMONWEALTH.

Balance from 1904 .....	\$2,728.92	
Cash received from Geo. L. Mayberry, attorney .....	175,850.08	
		<hr/>
		\$178,579.00
Fees retained, amounting to \$23,000.00.		
Expended.		
C. A. Allen, prof. services .....	\$260.44	
J. H. Benton, auditor .....	725.00	
E. C. Bumpus, auditor .....	662.50	
City of Medford, $\frac{1}{2}$ sundry payments ..	209.53	
J. W. Ellis, consulting engineer .....	33.33	
R. R. Felton, services and expenses ..	229.80	

C. A. Hague, services and expenses, expert .....	\$688.82	
J. W. Holt, prof. services .....	462.37	
Emil Kruchling, services and expenses, expert .....	463.00	
Rand, Vinton & Wakefield, consulta- tion .....	58.33	
J. H. Shedd, services .....	105.76	
J. A. Stiles, auditor .....	662.50	
	<hr/>	
	\$4,561.38	
Balance to 1906 .....	174,017.62	
	<hr/>	
	\$178,579.00	\$178,579.00

## PUBLIC WORKS DEPARTMENT.

FOR DETAILS OF ALL ACCOUNTS, SEE REPORT OF ENGINEER AND  
SUPERINTENDENT OF PUBLIC WORKS.

## CITY HALL.

## CONTINGENT.

Balance from 1904 .....	\$22.41	
Appropriation .....	300.00	
	<hr/>	\$322.41
Expended.		
Bills paid .....	\$277.90	
Transferred to treasury .....	22.41	
Balance to 1906 .....	22.10	
	<hr/>	
	\$322.41	\$322.41

## HEATING.

Balance from 1904 .....	\$11.27	
Appropriation .....	330.00	
	<hr/>	\$341.27

## Expended.

Bills paid .....	\$328.45	
Transferred to treasury .....	11.27	
Balance to 1906 .....	1.55	
	<hr/>	<hr/>
	\$341.27	\$341.27

## JANITOR'S SERVICE.

Balance from 1904 .....	\$11.75	
Appropriation .....	750.00	
	<hr/>	<hr/>
		\$761.75

## Expended.

Bills paid .....	\$742.00	
Transferred to treasury .....	11.75	
Balance to 1906 .....	8.00	
	<hr/>	<hr/>
	\$761.75	\$761.75

## LIGHTING.

Balance from 1904 .....	\$95.64	
Appropriation .....	300.00	
Cash for use of hall .....	500.00	
	<hr/>	<hr/>
		\$895.64

## Expended.

Bills paid .....	\$704.77	
Transferred to treasury .....	95.64	
Balance to 1906 .....	95.23	
	<hr/>	<hr/>
	\$895.64	\$895.64

## COLLECTION OF ASHES.

Appropriation .....	\$1,380.00
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## Expended.

Bills paid .....	\$1,196.38	
Balance to 1906 .....	183.62	
	<hr/>	<hr/>
	\$1,380.00	\$1,380.00

## ENGINEERING DIVISION.

## CONTINGENT.

Balance from 1904 .....	\$39.55	
Appropriation .....	250.00	
	<hr/>	\$289.55

## Expended.

Bills paid .....	\$219.45	
Transferred to treasury .....	39.55	
Balance to 1906 .....	30.55	
	<hr/>	<hr/>
	\$289.55	\$289.55

## SALARIES.

Balance from 1904 .....	\$467.11	
Appropriation .....	2,100.00	
Transferred from water fund .....	400.00	
Cash received, Main street widening ..	488.06	
	<hr/>	\$3,455.17

## Expended.

Bills paid .....	\$2,602.75	
Transferred to treasury .....	467.11	
Balance to 1906 .....	385.31	
	<hr/>	<hr/>
	\$3,455.17	\$3,455.17

## HIGHWAY DIVISION.

## GENERAL REPAIRS AND MAINTENANCE.

Balance from 1904 .....	\$1,043.23	
Appropriation .....	21,500.00	
Cash, sundry bills for sundry divisions	9,083.45	
	<hr/>	\$31,626.68

## Expended.

Bills paid .....	\$31,332.60	
Balance to 1906 .....	294.08	
	<hr/>	<hr/>
	\$31,626.68	\$31,626.68

## PARKS.

Balance from 1904 .....	\$22.06	
Appropriation .....	100.00	
	<hr/>	\$122.06

## Expended.

Bills paid .....	\$98.21	
Transferred to treasury .....	22.06	
Balance to 1906 .....	1.79	
	<hr/>	<hr/>
	\$122.06	\$122.06

## PUBLIC WORKS OFFICE.

## BOARD AND CARE OF HORSE.

Balance from 1904 .....	\$0.01	
Appropriation .....	310.00	
	<hr/>	\$310.01

## Expended.

Bills paid .....	\$300.30	
Transferred to treasury .....	.01	
Balance to 1906 .....	9.70	
	<hr/>	<hr/>
	\$310.01	\$310.01

## CLERICAL SERVICES.

Balance from 1904 .....	\$2.49	
Appropriation .....	490.00	
	<hr/>	\$492.49

## Expended.

Bills paid .....	\$489.00	
Transferred to treasury .....	2.49	
Balance to 1906 .....	1.00	
	<hr/>	<hr/>
	\$492.49	\$492.49

## CONTINGENT.

Appropriation .....		\$300.00
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## Expended.

Bills paid .....	\$295.18	
Balance to 1906 .....	4.82	
	<hr/>	<hr/>
	\$300.00	\$300.00

## TELEPHONE SERVICE.

Balance from 1904 .....	\$2.24	
Appropriation .....	70.00	
	<hr/>	<hr/>
		\$72.24

## Expended.

Bills paid .....	\$61.46	
Transferred to treasury .....	2.24	
Balance to 1906 .....	8.54	
	<hr/>	<hr/>
	\$72.24	\$72.24

## SEWER DIVISION.

## CONSTRUCTION.

Balance from 1904 .....	\$1,254.04	
Cash, sale of bonds .....	10,000.00	
Cash, W. D. Hunter .....	371.07	
Cash, sundry bills, sundry divisions .....	2,124.72	
	<hr/>	<hr/>
		\$13,749.83

## CITY OF MELROSE.

## Expended.

Bills paid .....	\$10,890.06	
Balance to 1906 .....	2,859.77	
	<hr/>	<hr/>
	\$13,749.83	\$13,749.83

## MAINTENANCE.

Balance from 19 4 .....	\$322.17	
Appropriation .....	500.00	
Cash, W. D. Hunter .....	299.35	
Cash, highway division .....	13.00	
	<hr/>	<hr/>
		\$1,134.52

## Expended.

Bills paid .....	\$1,061.84	
Balance to 1906 .....	72.68	
	<hr/>	<hr/>
	\$1,134.52	\$1,134.52

## PRIVATE SEWERS.

Balance from 1904 .....	\$21.39	
Cash received .....	3,017.81	
	<hr/>	<hr/>
		\$3,139.20

## Expended.

Bills paid .....	\$2,991.80	
Balance .....	47.40	
	<hr/>	<hr/>
	\$3,039.20	\$3,039.20

## SIDEWALK DIVISION

## NEW CONTINUOUS WALKS.

Balance from 1904 .....	\$467.41	
Cash receipts .....	843.56	
	<hr/>	<hr/>
		\$1,310.97



## Expended.

Bills paid .....	\$623.44	
Balance to 1906 .....	687.53	
	<hr/>	<hr/>
	\$1,310.97	\$1,310.97

## INDIVIDUAL WALKS.

Balance from 1904 .....	\$586.72	
Appropriation .....	1,000.00	
Cash receipts .....	1,540.95	
	<hr/>	<hr/>
		\$3,127.67

## Expended.

Bills paid .....	\$2,791.18	
Balance to 1906 .....	336.49	
	<hr/>	<hr/>
	\$3,127.67	\$3,127.67

## REPAIRS.

Balance from 1904 .....		\$10.74
Balance to 1906 .....	\$10.74	
	<hr/>	<hr/>
	\$10.74	\$10.74

## STONE BOUNDS.

Balance from 1904 .....		\$64.79
Balance to 1906 .....	\$64.79	
	<hr/>	<hr/>
	\$64.79	\$64.79

## STREET LIGHTS.

Balance from 1904 .....	\$175.76	
Appropriation .....	12,256.50	
	<hr/>	<hr/>
		\$12,432.26

## Expended.

Bills paid .....	\$12,329.97	
Balance to 1906 .....	102.29	
	<hr/>	
	\$12,432.26	\$12,432.26

## STREET SPRINKLING.

Cash receipts .....	\$4,736.31	
Less overdraft, 1904 .....	3,234.55	
	<hr/>	
		\$1,501.76

## Expended.

Bills paid .....	\$3,864.01	
Overdraft to 1906 .....		\$2,362.25
	<hr/>	
	\$3,864.01	\$3,864.01

## SURFACE DRAINAGE.

Balance from 1904 .....	\$12,215.42	
Cash, W. D. Hunter .....	5.41	
	<hr/>	
		\$12,220.83

## Expended.

Bills paid .....	\$12,333.30	
Overdraft .....		112.47
	<hr/>	
	\$12,333.30	\$12,333.30

## WATER DIVISION.

## WATER FUND.

Balance from 1904 .....	\$12,393.99	
Cash receipts .....	49,700.83	
Cash, sale of bonds .....	10,000.00	
	<hr/>	
		\$72,094.82

## Expended.

Paid interest coupons . . . . .	\$10,540.00	
Paid state treasurer, W. L. S. fund . . .	4,829.71	
Paid state treasurer, interest . . . . .	12,558.36	
Paid state treasurer, maintenance . . .	3,090.46	
Paid bill for water bonds . . . . .	37.50	
Transferred to engineering division . .	400. 0	
Transferred to construction . . . . .	10,000.00	
Transferred to maintenance . . . . .	12,800.62	
Transferred to W. L. sinking fund . . .	6,252.58	
Balance to 19 6 . . . . .	11,585.59	
	<hr/>	
	\$72,094.82	\$72,094.82

## CONSTRUCTION.

Transferred from water fund . . . . .	\$10,000.00	
Less overdraft, 1904 . . . . .	6,986.56	
	<hr/>	\$3,013.44

## Expended.

Bill paid . . . . .	\$2,064.98	
Balance to 1906 . . . . .	948.46	
	<hr/>	
	\$3,013.44	\$3,013.44

## MAINTENANCE. •

Cash receipts . . . . .	\$2,691.54	
Cash, sundry bills, sundry divisions . .	1,711.86	
Transferred from water fund . . . . .	12,800.62	
	<hr/>	17,204.02

## Expended.

Bills paid . . . . .	\$17,204.02	
	<hr/>	
	\$17,204.02	\$17,204.02

## BUILDING SOUTH AVENUE.

Cash, proceeds of note .....		\$2,000.00
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## Expended.

Bills paid .....	\$2,000.00	
	<hr/>	<hr/>
	\$2,000.00	\$2,000.00

## CITY SCALES.

Balance from 1904 .....	\$29.43	
Transferred from treasury .....	3.25	
	<hr/>	\$32.68

## Expended.

Bills paid .....	\$3.25	
Transferred to treasury .....	29.43	
	<hr/>	<hr/>
	\$32.68	\$32.68

## DIX POND.

Balance from 1904 .....		\$1.48
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## Expended.

Bill paid .....	\$0.35	
Balance to 1906 .....	1.13	
	<hr/>	<hr/>
	\$1.48	\$1.48

## LIFE SAVING APPARATUS.

Balance from 1904 .....		\$21.73
Balance to 1906 .....	\$21.73	
	<hr/>	<hr/>
	\$21.73	\$21.73

## MAIN STREET CURBSTONE.

Overdraft, from 1904 .....	\$2,533.95	
Bills paid, 1905 .....	831.19	
	<hr/>	
Overdraft to 1906 .....	\$3,365.14	

## MAIN STREET WIDENING DAMAGES

Balance from 1904 .....	\$200.00	
Cash received, B. & N. St. R. R. ....	13,745.00	
	<hr/>	\$13,945.00

## Expended.

Paid awards .....	\$13,820.00	
Balance to 1906 .....	125.00	
	<hr/>	
	\$13,945.00	\$13,945.00

## MAIN STREET WIDENING

## J. L. BRYNE, CONTRACT.

Cash received, B. & N. St. R. R. ....	\$18,086.00
---------------------------------------	-------------

## Expended.

Bills paid .....	\$17,795.75	
Balance to 1906 .....	290.25	
	<hr/>	
	\$18,086.00	\$18,086.00

## MELROSE COMMON.

Balance from 1904 .....	\$553.77	
Appropriation .....	300.00	
Cash, sundry divisions .....	21.00	
	<hr/>	\$874.77

## Expended.

Bills paid .....	\$874.73	
Balance to 1906 .....	.04	
	<hr/>	<hr/>
	\$874.77	\$874.77

## REMOVAL OF SEWALL SCHOOL BUILDING.

Cash, proceeds of notes .....	\$2,000.00	
Cash, First Baptist church .....	1,500.00	
Cash, school department .....	200.00	
	<hr/>	<hr/>
		\$3,700.00

## Expended.

Bills paid .....	\$3,580.07	
Balance to 1906 .....	119.93	
	<hr/>	<hr/>
	\$3,700.00	\$3,700.00

## SCHEDULE OF CITY PROPERTY.

## BROWN TAIL AND GYPSY MOTH.

Personal property, schedule on file .....	\$727.59
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## CHARITY DEPARTMENT.

Personal property, schedule on file .....	\$1,421.02
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## FIRE DEPARTMENT.

Central fire station, on city hall lot .....	\$20,000.00
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## Hose No. 3.

Building .....	\$1,200.00	
10,267 sq. feet of land .....	3,075.00	
	<hr/>	<hr/>
		\$4,275.00

## Hose No. 4.

Building . . . . .	\$1,800.00	
5,625 sq. ft. land . . . . .	550.00	
	<hr/>	\$2,350.00
Personal property . . . . .		13,281.70
Fire alarm system . . . . .		16,000.00
		<hr/>
		\$59,506.70

## POLICE DEPARTMENT.

Personal property, schedule on file . . .	\$940.00
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## PUBLIC LIBRARY.

Building . . . . .	\$30,000.00	
30,300 sq. ft. land . . . . .	10,600.00	
Personal property, library books, etc . .	16,000.00	
Furniture, fixtures, tables and supplies	6,000.00	
	<hr/>	\$62,600.00

## SCHOOL DEPARTMENT.

Converse school building . . . . .	\$5,000.00	
21,017 sq. ft. land . . . . .	1,050.00	
	<hr/>	\$6,050.00
Franklin school building . . . . .	\$30,000.00	
21,752 sq. ft. land . . . . .	6,575.00	
	<hr/>	\$36,575.00
Gooch school building . . . . .	\$25,000.00	
27,815 sq. ft. land . . . . .	4,450.00	
	<hr/>	\$29,450.00
High school building . . . . .	\$100,000.00	
116,385 sq. ft. land . . . . .	58,200.00	
	<hr/>	\$158,200.00
Lincoln school building . . . . .	\$30,000.00	
27,604 sq. ft. land . . . . .	6,900.00	
	<hr/>	\$36,900.00



Livermore school building .....	\$12,000.00	
26,555 sq. ft. land .....	6,650.00	
	<hr/>	\$18,650.00
Mann, Horace, school building .....	\$20,000.00	
26,331 sq. ft. land .....	4,475.00	
	<hr/>	\$24,475.00
Ripley school building .....	\$2,200.00	
14,567 sq. ft. land .....	575.00	
	<hr/>	\$2,775.00
Sewall school building .....	\$8,000.00	
14,748 sq. ft. land .....	7,375.00	
	<hr/>	\$15,375.00
Warren school building .....	\$14,000.00	
18,572 sq. ft. land .....	2,300.00	
	<hr/>	\$16,300.00
Washington school building .....	\$30,000.00	
30,794 sq. ft. land .....	4,000.00	
	<hr/>	\$34,000.00
West side school building .....	\$1,000.00	
11,880 sq. ft. land .....	3,325.00	
	<hr/>	\$4,325.00
Whittier school building .....	\$7,500.00	
15,000 sq. ft. land .....	3,000.00	
	<hr/>	\$10,500.00
Winthrop school building .....	\$11,000.00	
26,544 sq. ft. land .....	1,600.00	
	<hr/>	\$12,600.00
Total buildings and lands .....		\$406,175.00
Personal property .....		41,150.00
		<hr/>
Total .....		\$447,325.00

## SUNDRIES.

Old school building, Chestnut street ..	\$500.00	
12,000 sq. ft. land .....	2,400.00	
	<hr/>	\$2,900.00

Old school building, Green street . . . .	\$500.00	
24,500 sq. ft. land . . . . .	3,600.00	
	<hr/>	\$4,100.00
Old school building, Upham street . . . .	\$600.00	
11, 400 sq. ft. land . . . . .	675.00	
	<hr/>	\$1,275.00
		<hr/>
		\$8,275.00

## WYOMING CEMETERY.

Buildings . . . . .	\$2,900.00	
47 and three-quarters acres land . . . . .	31,700.00	
Water system . . . . .	950.00	
Personal property . . . . .	183.00	
	<hr/>	\$35,733.00

## PUBLIC WORKS DEPARTMENT.

City hall building . . . . .	\$65,000.00	
44,934 sq. ft. land . . . . .	67,400.00	
Furniture, fixtures and sundries, schedule on file . . . . .	8,726.45	
	<hr/>	\$141,126.45

## HIGHWAY DIVISION.

Crusher lot, Maple street, 49,015 sq. ft. land . . . . .	\$1,000.00	
Crusher lot, Linwood avenue, 132,877 sq. ft. land . . . . .	3,200.00	
Stone crusher plant, tools, etc . . . . .	4,800.00	
Road roller, scrapers, plows, sprink- ling carts, etc . . . . .	3,227.50	
Horses, carts, harnesses, tools, etc . . .	2,516.00	
	<hr/>	\$14,743.50

## PUBLIC PARKS.

Ell pond park . . . . .	\$15,000.00
Melrose common, 4 35-100 acres . . . . .	10,000.00

Sewall Woods park, 9 acres and 10,000	
sq. ft. land .....	\$11,250.00
Strip east side Ell pond .....	1,000.00
Lot, Main and Lynde streets, 5,000 sq.	
ft. land .....	1,250.00
Settees .....	25.00
	<hr/>
	\$38,525.00

## SEWER DIVISION.

Sewer system, cost of construction ...	\$396,747.84
Stock .....	2,933.52
Tools ..	1,224.50
	<hr/>
	\$400,905.86

## SURFACE DRAINAGE.

Cost of construction .....	\$87,431.73
Stock .....	121.71
	<hr/>
	\$87,553.44

## WATER DIVISION.

Water system, cost of construction ...	\$463,737.51
Stock .....	4,753.09
	<hr/>
	\$468,490.60

## RECAPITULATION.

Brown tail and gypsy moths ....	\$727.59
Charity department .....	1,421.02
Fire .....	55,906.70
Police .....	940.00
Public library .....	62,600.00
School department .....	447,325.00
Sundries .....	8,275.00
Wyoming cemetery .....	35,733.00
City hall .....	141,126.45
Highway division .....	14,743.50
Public parks ...	38,525.00
Sewer division .....	400,905.86
Surface drainage .....	87,553.44
Water division .....	468,490.60
	<hr/>
	\$1,764,273.16

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## City Clerk's Report.

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MELROSE, MASS., July 13, 1906.

TO HIS HONOR THE MAYOR, MELROSE, MASS.

Dear Sir:—In compliance with the city ordinances, I have the honor to transmit herewith the annual report of the receipts of the City Clerk's department, the same being for the municipal year ending January 31, 1906, the payment of the same to the proper authorities, the vital statistics of the City of Melrose for 1905, with the assessed polls and voters.

Respectfully yours,

W. DEHAVEN JONES,  
City Clerk.

### FEES RECEIVED IN CITY CLERK'S DEPARTMENT, 1905, FOR FINANCIAL YEAR FEBRUARY 1, 1905 — JANUARY 31, 1906.

Returning births, marriages and deaths. . . . .	\$223.00
Certificates of births, marriages and deaths, 6 @ 50. . . . .	3.00
Intentions of marriages, 174 @ 50 cents. . . . .	87.00
Mortgages of personal property, 83 @ 75 cents . . . . .	62.25
Releases, sales, etc., 83 @ 25 cents . . . . .	20.75
Drivers' licenses, 9 @ \$1.00 . . . . .	9.00
Carriage licenses, 11 @ \$1.00 . . . . .	11.00
Hurdy gurdy licenses, 12 @ \$1.00. . . . .	12.00
Fireworks licenses, 8 @ \$2.00 . . . . .	16.00
Gunpowder and firearms licenses, 2 @ \$2.00 . . . . .	4.00

Entertainments and dances, 3 @ \$1.00.....	\$3.00
Junk dealers' licenses, 8 @ \$10.00. ....	80.00
Bootblack license, 1 @ 50 cents .....	.50
Auctioneers' licenses, 11 @ \$2.00.....	22.00
Express and job wagon licenses, 19 @ \$1.00.....	19.00
Employment office license, 1 @ \$1.00 .....	1.00
Total.....	<u>\$573.50</u>

April 17, 1905,	Paid city treasurer . . .	\$223.00
May 3, 1905,	" " " . . .	50.00
June 3, 1905,	" " " . . .	101.50
July 11, 1905,	" " " . . .	35.50
August 2, 1905,	" " " . . .	15.00
Sept. 30, 1905,	" " " . . .	51.75
Feb. 1, 1906,	" " " . . .	96.75
		<u>\$573.50</u>

## DOG LICENSES.

W. DEHAVEN JONES, City Clerk, Melrose, in account with  
Middlesex County Treasurer.

544 male licenses @ \$2.00 each .....	\$1,088.00
70 female licenses @ \$5.00 each .....	350.00
1 breeder's license .....	25.00
	<u>\$1,463.00</u>
615 licenses, less 20 cents each.....	123.00
	<u>\$1,340.00</u>
June 3, 1905, by check to county treas.	\$943.40
Dec. 4, 1905, by check to county treas.	396.60
	<u>\$1,340.00</u>



## BIRTHS.

Whole number recorded in 1905.....		302
Whole number recorded in 1904.....		295
Increase from last year . . . . .		7
Number of males born . . . . .	156	
Number of females born . . . . .	146	
	<hr/>	302
Number of twin births... . . . .		3

## MARRIAGES.

Number of intentions filed . . . . .		179
Both parties residents of Melrose . . . .	63	
But one party a resident of Melrose . . . .	115	
Both parties residents outside of Melrose	1	
	<hr/>	179
Number of marriages recorded . . . . .		184
Both parties residents of Melrose . . . .	61	
But one party a resident of Melrose . . . .	116	
Neither party a resident of Melrose.....	7	
	<hr/>	184
First marriage of . . . . .	338	
Second marriage of . . . . .	25	
Third marriage of... . . . .	4	
Fourth marriage of . . . . .	1	
	<hr/>	368
Age of oldest groom . . . . .	70	
Age of youngest groom . . . . .	19	
Age of oldest bride . . . . .	70	
Age of youngest bride... . . . .	17	

## DEATHS.

Number of deaths for 1905.....		219
Number of deaths of males .....	96	
Number of deaths of females .....	123	
		<hr/> 219

## Number of deaths of persons

Under 1 year of age .....	34	
From 1 to 5 years .....	9	
" 5 " 10 " .....	3	
" 10 " 20 " .....	11	
" 20 " 30 " .....	17	
" 30 " 40 " .....	20	
" 40 " 50 " .....	12	
" 50 " 60 " .....	23	
" 60 " 70 " .....	37	
" 70 " 80 " .....	24	
" 80 " 90 " .....	21	
" 90 " 100 " .....	9	
		<hr/> 219

Oldest male, 91 years, 9 months and 20 days.

Oldest female, 94 years, 8 months and 17 days.

## ASSESSED POLLS AND VOTERS.

	Polls	Males	Voted	Females	Voted
Ward 1 .....	494	371	253	33	0
Ward 2 .....	688	468	352	32	0
Ward 3 .....	590	416	313	44	1
Ward 4 .....	483	380	276	68	6
Ward 5 .....	597	391	269	19	1
Ward 6 .....	720	525	394	40	0
Ward 7 .....	663	449	382	10	0
Totals .....	4,235	3,000	2,239	246	8

The following is a statement of the votes cast in the several wards of the City November 7, 1905, for the candidates of the different parties for Governor, and Representative to the General Court.

CANDIDATE AND PARTY. Wards . . .	1	2	3	4	5	6	7	Totals
Charles W. Bartlett, Democrat . . . . .	71	92	115	81	87	147	127	720
James F. Carey, Socialist . . . . .	2	3	2	3	5	5	5	25
William H. Carroll, Soc. Labor . . . . .	0	1	1	0	1	0	0	3
Curtis Guild, Republican . . . . .	208	225	202	205	175	239	198	1,452
Willard O. Wylie, Prohibition . . . . .	2	1	0	0	0	7	1	11
Blanks . . . . .	1	4	5	1	4	10	16	41
Totals . . . . .	284	326	325	290	272	408	347	2,252

The following is a statement of the votes cast in the several wards of the city, December 12, 1905, for Mayor, Aldermen-at-large, School Committee, Ward Aldermen, etc.

CANDIDATE AND PARTY. Wards . . .	1	2	3	4	5	6	7	Totals
Charles J. Barton, Citizens' Nomination paper. Independent Nomination paper. . . . .	22	111	93	93	130	205	237	891
Sidney H. Buttrick, Republican . . . . .	80	145	155	153	98	147	96	874
William A. Carrie, Rep. Independent Nomination paper . . . . .	150	90	62	29	39	39	40	449
Blanks . . . . .	1	6	3	1	2	3	9	25
Totals . . . . .	253	352	313	276	269	394	382	2,239

#### ALDERMEN-AT-LARGE, For two (2) years.

CANDIDATE AND PARTY. Wards . . .	1	2	3	4	5	6	7	Totals
Oliver B. Munroe, Republican . . . . .	215	291	229	222	194	296	234	1,681
Joel C. Page, Republican . . . . .	203	248	243	213	181	282	218	1,588
Charles C. Swett, Republican . . . . .	192	229	224	207	186	312	238	1,588
Lowell F. Wentworth, Republican . . . . .	200	238	214	209	200	283	212	1,556
Blanks . . . . .	202	402	342	253	305	403	626	2,543
Totals . . . . .	1,012	1,408	1,252	1,104	1,076	1,576	1,528	8,956

#### SCHOOL COMMITTEE, For three (3) years.

CANDIDATE AND PARTY. Wards . . .	1	2	3	4	5	6	7	Totals
George H. Hill, Republican . . . . .	205	258	226	230	191	294	234	1,638
Mary P. Holden, Republican . . . . .	208	256	224	225	190	283	225	1,611
Edwin S. Small, Republican . . . . .	209	260	217	222	188	283	234	1,613
Blanks . . . . .	137	282	265	169	241	322	453	1,869
Totals . . . . .	759	1,056	942	846	810	1,182	1,146	6,741

## WARD ALDERMEN.

## WARD ONE.

Candidate and Party.		
Charles E. French, Republican .....	221	
Harry F. Sears, Republican .....	214	
Blanks.....	71	
Totals.....		506

## WARD TWO.

Leslie F. Keene, Republican .....	172	
George E. Manser, Republican .....	180	
Warren S. Towner, Independent Nomination paper .....	194	
Blanks.....	158	
Totals.....		704

## WARD THREE.

Thomas H. Gilman, Republican.....	236	
George W. Libbey, Republican .....	245	
Blanks.....	145	
Totals.....		626

## WARD FOUR.

George E. Cornwall, Republican .....	231	
John Dike, Republican .....	213	
Blanks.....	108	
Totals.....		552

## WARD FIVE.

Arthur S. Davis, Republican .....	169	
Edward J. Lord, Republican .....	203	
William H. Mirfield, Citizens' Nomination paper. ....	76	
Blanks.....	90	
Totals .....		538

## WARD SIX.

Claude L. Allen, Republican .....	313	
Elmer O. Goodridge, Republican .....	292	
Blanks.....	183	
Totals.....		788

## WARD SEVEN.

William J. Bowser, Republican .....	233	
Levi Elms, Republican .....	221	
Albert E. Jones, Rep. Independent Nomination paper. ....	171	
Blanks.....	139	
Totals.....		764

## LICENSE QUESTION.

Wards	1	2	3	4	5	6	7	Totals
Yes	31	45	69	40	54	66	104	409
No	215	281	220	229	193	294	217	1,649
Blanks	7	26	24	7	22	34	61	181
Totals	253	352	313	276	269	394	382	2,239

## MUNICIPAL AUDITORS. Three year term.

Wards	1	2	3	4	5	6	7	Totals
Yes	92	116	101	117	111	148	98	783
No	40	35	46	38	30	54	57	300
Blanks	121	201	166	121	128	192	227	1,156
Totals	253	352	313	276	269	394	382	2,239

## ADDITION TO HIGH SCHOOL BUILDING.

Wards	1	2	3	4	5	6	7	Totals
Yes	136	150	120	107	106	119	112	850
No	80	139	138	146	117	219	175	1,014
Blanks	37	63	55	23	46	56	95	375
Totals	253	352	313	276	269	394	382	2,239

## LICENSE QUESTION BY YEARS.

## TOWN.

Years	Yes	No	Blanks	Totals
1891	134	613	219	966
1892	60	293	34	387
1893	233	742	146	1,121
1894	247	902	193	1,342
1895	220	729	146	1,095
1896	261	995	234	1,490
1897	341	1,011	218	1,590
1898	321	1,163	207	1,691
1899	283	1,202	236	1,721

## CITY.

Years	Yes	No	Blanks	Totals
1900	362	1,581	205	2,148
1901	292	1,326	199	1,817
1902	341	1,202	125	1,658
1903	355	1,371	149	1,879
1904	271	1,046	198	1,515
1905	409	1,649	181	2,239

## Report of Registrars of Voters.

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The Registrars of Voters have held nineteen meetings during the past year. At their first meeting August 8th, 1905, they organized as follows: Edwin L. Cragin, Chairman; W. De Haven Jones, Clerk. They revised the check lists and dropped 431 names on account of deaths, removals and not found by the assessors. At the next meeting 158 names were found and restored, leaving the number dropped at 273.

Meetings were held for registering voters for the state election on September 12th, 19th and 22d; October 3d and 10th from 6 o'clock to 9 o'clock p. m., and on October 18th a continuous session from 12 o'clock noon until 10 o'clock p. m.

Male Voters . . . . .	2,962
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Meetings were held for registering the voters for the municipal election on November 14th from 6 to 9 o'clock p. m. and a continuous session November 22d from 12 o'clock noon until 10 o'clock p. m.

Male Voters . . . . .	3,000
Female Voters . . . . .	246

A recount of votes for Lieutenant Governor, cast at the state election November 7th, 1906, in the entire city, took place in the Overseers of the Poor room on November 15th, 1905. The result was as follows:

Draper, 1276; loss of 11.

Whitney, 845; gain of 12.

January 30th the jury list was made up for 1906 and approved.

LIST OF JURORS  
IN THE  
CITY OF MELROSE

As prepared by the Registrars of Voters,  
January 30, 1906.

Approved by the Board of Aldermen, February 19, 1906.

WARD 1.

Batchelder, Harry A., 41 North avenue.....	Bookkeeper
Boden, Edward B., 13 Botolph street.....	Retired
Cragin, Simeon, 28 Union street.....	Bookkeeper
Curry, Robert H., 109 Highland avenue.....	Plumber
Fawcett, Winthrop S., 22 Greenwood street.....	Salesman
Folsom, William N., 95 Sewall Woods road.....	Real Estate
Gibson, Joseph, 35 Winthrop place.....	Painter
Glover, George H., 396 Franklin street.....	Piano Tuner
Henderson, Louis L., 34 South avenue.....	Railroad
Houdlette, Marcellus R., 890 Franklin street.....	Iron and Steel
Knowlton, William N., 126 Walton Park.....	Salesman
Lawson, Alfred L., 11 Union street.....	Clerk
Lewis, George W., 143 Melrose street.....	Extracts
Lord, Nelson H., 179 Melrose street.....	Painter
Morse, William A., 15 Auburn place.....	Secretary
Munn, Thomas J., 49 South avenue.....	Watchmaker
Perry, John F., 26 West Hill avenue.....	Druggist
Reardon, Michael, 114 Tremont street.....	Teamster
Robinson, Samuel B., 245 Tremont street.....	Retired
Serra, Julius A., 28 Warwick road.....	Barber
Somes, Rinaldo R., 271 Tremont street.....	Salesman
Spinney, Joseph S., 906 Franklin street.....	Salesman
Steele, Chester F., 10 Ellsworth avenue.....	Retired
Twombly, Albro J., 106 Ashland street.....	Express



## WARD 2.

Collamore, Daniel K., 25 Elm street.....	Real Estate
Caswell, D. Evans, 221 Franklin street.....	Clergyman
Davis, Irving W., 920 Main street.....	Motorman
Day, Albert A., 45 Ashland street.....	Leather
Dunton, Aubrey W., 43 Batchelder street.....	Printer
Fay, John H., 20 Highland avenue.....	Conductor
Fernald, James F., 1001 Main street.....	Collector
Jackson, Samuel, 47 Henry avenue.....	Retired
Johnson, Henry F., 160 Green street.....	Painter
Kelley, Richard B., 58 Frost avenue.....	Mason
Kennerson, Charles H., 173 Bellevue avenue..	Com. Merchant
Lewis, William F., 12 Pratt street.....	Printer
Loring, Alfred R., 9 Pearl street.....	Clerk
Mellish, Isaac M., 21 Batchelder street.....	Insurance
Morton, Frank E., 43 Albion street.....	Insurance
Riley, James L., 116 Green street.....	Conductor
Sawyer, Calvin W., 997 Main street.....	Insurance
Simonds, John, 7 Albion street.....	Farmer
Smith, Alden B., 143 Green street.....	Railroad
Stewart, William H., 36 Albion street.....	Carpenter
Tully, Edward J., 9 Hawes avenue.....	Motorman
Watson, Henry, 933 Main street.....	Motorman
Wells, Victor E., 91 Linden street.....	Grocer
Whidden, John D., 826 Main street.....	Real Estate
Witham, Benjamin S., 36 Fairview avenue.....	Motorman

## WARD 3.

Boyd, Charles O., 81 Youle street.....	Clerk
Bucknam, George C., 85 Cleveland street.....	Retired
Caldwell, Edward M., 167 Florence street.....	Agent
Casey, Neil S., 93 Maple street.....	Florist
Conway, John F., 75 Baxter street.....	Printer
Curran, Peter J., 56 Maple street.....	Barber
Cuzner, J. S., 47 Wyoming avenue, W.....	Hardware
Doherty, John T., 61 Tappan street.....	Brass
Ebert, Francis S., 75 Baxter street.....	Printer

Ehlert, Herman F., 238 W. Emerson street . . . . .	Retired
Gibbons, Joseph, Jr., 18 Baxter street . . . . .	Contractor
Gibbons, Robert, 121 Trenton street . . . . .	Carpenter
Hoffman, Francis W., 44 Charles street . . . . .	Clerk
Littlefield, Homer S., 67 Baxter street . . . . .	Contractor
Lord, Walter J., 90 Youle street . . . . .	Type
Lucey, Jeremiah, 57 Whittier street . . . . .	Grocer
McKenney, Fred H., 109 Cleveland street . . . . .	Clerk
O'Leary, Daniel, 52 Maple street . . . . .	Painter
Pendleton, Clifton A., 179 Trenton street . . . . .	Clerk
Pullen, Edward P., 27 Whittier street . . . . .	Foreman
Rockwood, Charles A., 51 Cleveland street . . . . .	Clerk
Tarbox, Everett F., 52 Whittier street . . . . .	Clerk
Walter, Melvin A., 39 Cleveland street . . . . .	Foreman
Whitcomb, Squire L., 59 Sanford street . . . . .	Gas
Woodman, George F., 24 Poplar street . . . . .	Clerk

## WARD 4.

Allen, Charles S., 92 Lake avenue . . . . .	Reporter
Babson, George E., 155 Porter street . . . . .	Clerk
Backer, Clarence A., 54 Bellevue aav. . . . .	Extract Manufacturer
Buttrick, Charles H., 87 Essex street . . . . .	Salesman
Cassell, James P., 104 Tremont street . . . . .	Laborer
Clement, Fred, 22 Hillside avenue . . . . .	Dry Goods
Dempsey, William R., 22 East street . . . . .	Shoes
Doherty, Eugene F., 199 Essex street . . . . .	Motorman
Fernald, James H., 37 East street . . . . .	Carpenter
Hill, Charles F., 80 W. Emerson street . . . . .	Real Estate
Howard, Frank G., 173 Porter street . . . . .	Accountant
Hyde, George E., 57 Rowe street . . . . .	Rubberworker
Jeffrey, Thomas E., 53 Rowe street . . . . .	Laundry
Lane, Hiram P., 64 Upham street . . . . .	Broker
Mawson, Alfred S., 88 Lake avenue . . . . .	Dyestuffs
McIntyre, James, 560 Lebanon street . . . . .	Retired
Murphy, David G., 106 Tremont street . . . . .	Shoemaker
Provandie, Herbert F., 90 East street . . . . .	Electrician
Pulley, James M., 33 Porter street . . . . .	Cutter

Rink, John J., 15 Emerson place. . . . . Blacksmith  
 Seaver, Walter L., 289 Porter street. . . . . Collector  
 Stebbins, Charles H., 128 Myrtle street. . . . . Barber  
 Waterhouse, Harold P., 46 Lake avenue. . . . . Electrician  
 Wheeler, Charles O., Essex street. . . . . Insurance

## WARD 5.

Briry, William S., Mt. Vernon avenue. . . . . Druggist  
 Bunce, Francis M., 412 Pleasant street. . . . . Grocer  
 Burdick, Walter F., 11 Wyoming avenue., E. . . . . Clerk  
 Chandler, Frank A., 373 Pleasant street. . . . . Paper Hanger  
 Child, Horace E., 90 Goodyear avenue. . . . . Foreman  
 Clark, Edward T., 466 Pleasant street. . . . . Designer  
 Colby, Charles E., 5 Chestnut street. . . . . Clerk  
 Cunningham, William J., 14 Adams street. . Boston R. Shoe Co.  
 Edwards, John H., 31 Waverly place. . . . . Carpenter  
 Glines, Arthur H., 5 Grundy street. . . . . Machinist  
 Grundy, Edmund L., 18 Cottage street. . . . . Bookkeeper  
 Hawkes, Thomas J., 25 Russell street. . . . . Barber  
 Irving, Chas. W. D., 176 Wyom. ave. W. . . . Trav. Salesman  
 Jones, Marcello B., 190 Washington street. . . . . Salesman  
 Keefe, John, 428 Pleasant street. . . . . Boston R. Shoe Co.  
 Leathern, Andrew M., 320 Washington street. Rubberworker  
 Lovell, Clarence P., 81 Mt. Vernon street. . . . . Retired  
 Phinney, Otis K., 52 Adams street. . . . . Produce  
 Schaedel, Charles G., 21 Ashmont street. . . . . Clerk  
 Sewall, Frank R., 9 Mt. Vernon avenue. . . . Trav. Salesman  
 Stevens, George H., 70 Trenton street. . . . . Real Estate  
 Stevens, George S., 25 Ashmont street. . . . . Insurance  
 Welch, Charles S., 290 Washington street. . . . Fish Dealer  
 Woodbury, Merton G., 14 Wyoming ave., E. . . . Salesman

## WARD 6.

Ames, Benjamin, 7 Gooch street. . . . . Carpenter  
 Belyea, Frederick W., 38 E. Foster street. . . . Carpenter  
 Berry, William A., 110 Grove street. . . . . Cook

Bradbury, Frank D., 23 First street.....	Clerk
Carr, George W., 165 E. Foster street.....	Salesman
Chisam, Sanford A., 18 Eighth street.....	Milk
Churchill, Fred T., 437 Main street.....	Undertaker
Duffy, William J., 152 Grove street.....	Boston R. Shoe Co
Grottendick, George B., 230 Grove street.....	Book Binder
Hitchins, J. Sydney, 69 Laurel street.....	Salesman
Hunt, Edgar O., 17 Herbert street.....	Plumber
Kennard, Walter I., 23 Cass street.....	Clerk
Kohr, John, 466 Lebanon street.....	Retired
Lux, Anthony F., 102 Grove street.....	Express
Marsh, Edward B., 15 Cass street.....	Broker
Murray, Michael F., 4 Allen place.....	Rubberworker
Parker, Albon W., 181 Upham street.....	Painter
Perham, Frank E., 75 E. Foster street.....	Carpenter
Phlipot, Robert, 75 Dell avenue.....	Contractor
Rogers, Charles H., 2 Central terrace.....	Piano agent
Schofield, William E., 135 First street.....	Salesman
Shute, Charles N., 170 E. Foster street.....	Clerk
Vaughn, Melburn D., 508 Main street.....	Salesman
Wheeler, Wallace B., Eighth street.....	Clerk
Wiswell, Dexter W., 181 Upham street.....	Skirt Cutter

## WARD 7.

Atwood, George H., 113 Malvern street.....	Clerk
Dadley, Albert E., 283 Grove street.....	Plumber
Doherty, Charles F., 381 Main street.....	Barber
Elms, Levi, 31 Forest street.....	Farmer
Fahey, William T., 134 Lynde street.....	Cutter
Flatley, John C., 99 Linwood avenue.....	Tailor
Foley, Daniel J., 9 Grove street.....	Baker
Henney, William T., 36 Lynde street.....	Painter
Hunnewill, Ervin C., 33 Meridian street.....	Carpenter
Johnson, Henry E., 84 Malvern street.....	Insurance
Johnson, Rynard, 7 Goss avenue.....	Carpenter
Kershaw, William L., 40 Fairmount street.....	Secretary
King, Edwin E., 159 Grove street.....	Painter

Nickerson, Lemuel, 35 Irving street.....	Sailmaker
Miller, Charles, 35 Fairmount street.....	Janitor
Philbrick, Arthur L., 51 Malvern street.....	Dry Goods
Rogers, George D., 381 Main street.....	Barber
Rounds, Fred H., 24 Fairmount street.....	Plumbing supplies
Russell, William F., 20 Harvard street.....	Bookkeeper
Short, Patrick A., 32 Mystic avenue.....	Fireman
Smallwood, Thomas, 337 Grove street.....	Clerk
Upham, Frank R., 131 Grove street.....	Real Estate
Tirrell, Edwin J., 49 Appleton street.....	Cashier
Ward, Rufus S. 13 Appleton street.....	Teamster

Respectfully submitted,

HERBERT A. MARSH, Chairman,

VICTOR C. KIRMES,

EDWIN L. CRAGIN,

W. DEHAVEN JONES, Clerk,

Board of Registrars of Voters.

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